

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

211096

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>			5. LEASE DESIGNATION AND SERIAL NO. U-74869	
b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>			6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR Inland Production Company			7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR P.O. Box 1446 Roosevelt, Utah 84066			8. FARM OR LEASE NAME Tar Sands Federal	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface SE/NE At proposed prod. zone 660' FEL & 1980' FNL 201 202			9. WELL NO. #8-31	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 11.7 miles south of Myton, Utah			10. FIELD AND POOL, OR WILDCAT	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drilg. unit line, if any) 1320'		16. NO. OF ACRES IN LEASE 1968.01	17. NO. OF ACRES ASSIGNED TO THIS WELL 40	
18. DISTANCE FROM PROPOSED* LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 660'		19. PROPOSED DEPTH 6500'	20. ROTARY OR CABLE TOOLS Rotary	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 5296.4'			22. APPROX. DATE WORK WILL START* Third Quarter 1996	

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4	8 5/8	24#	300'	120 sx Class G+2% CaCl+2% Gel
7 7/8	5 1/2	15.5#	TD	400 sx Hilift followed by 330 sx Class G w/ 10% CaCl

The actual cement volumes will be calculated off of the open hole logs, plus 15% excess.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED Brad Mecham Brad Mecham TITLE Operations Manager DATE 2/15/96

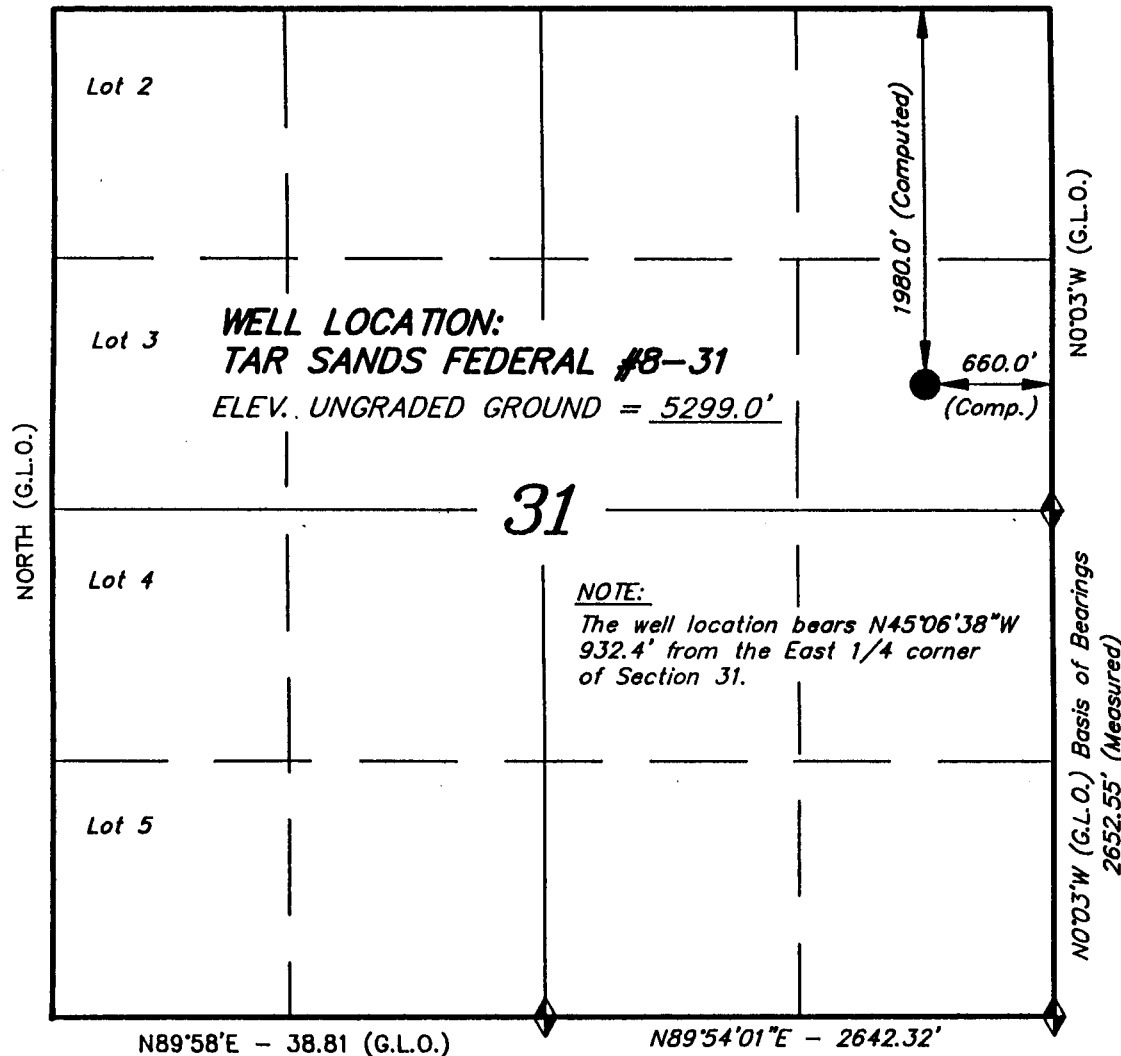
(This space for Federal or State office use)

PERMIT NO. 43-013-31615 APPROVAL DATE 3/28/96
APPROVED BY Matthew TITLE Production Engineer DATE 3/28/96
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

T8S, R17E, S.L.B.&M.

N89°51'E - 78.20 (G.L.O.)



INLAND PRODUCTION COMPANY

WELL LOCATION, TAR SANDS FEDERAL
 #8-31, LOCATED AS SHOWN IN THE SE 1/4
 NE 1/4 OF SECTION 31, T8S, R17E,
 S.L.B.&M. DUCHESNE COUNTY, UTAH.



THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS
 PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS
 MADE BY ME OR UNDER MY SUPERVISION AND THAT
 THE SAME ARE TRUE AND CORRECT TO THE BEST OF
 MY KNOWLEDGE AND BELIEF.

STACY W. STEWART
 REGISTERED LAND SURVEYOR
 REGISTRATION NO. 18937
 STATE OF UTAH

TRI STATE LAND SURVEYING & CONSULTING

38 WEST 100 NORTH - VERNAL, UTAH 84078
 (801) 781-2501

◆ = SECTION CORNERS LOCATED

BASIS OF ELEV; U.S.G.S. 7-1/2 min QUAD (MYTON SE)

SCALE: 1" = 1000'	SURVEYED BY: S.S.
DATE: 1-19-96	WEATHER: COLD
NOTES:	FILE: INLAND

**TAR SANDS FEDERAL #8-31
SE/NE SEC. 31, T8S, R17E
DUCHESNE COUNTY, UTAH
U-74869**

HAZARDOUS MATERIAL DECLARATION

INLAND PRODUCTION COMPANY guarantees that during the drilling & completion of the above referenced well, we will not use, produce, store, transport or dispose 10,000# annually of any of the hazardous chemicals contained in the Environmental Protection Agency's consolidated list of chemicals subject to reporting under Title III Superfund Amendments and Reauthorization Act (SARA) of 1986.

INLAND PRODUCTION COMPANY guarantees that during the drilling and completion of the above referenced well, we will use, produce, store, transport or dispose less than the threshold planning quantity (T.P.Q.) of any extremely hazardous substances as defined in 40 CFR 355.

JOHNSON WATER DISTRICT
R.R. 3 BOX 3188
ROOSEVELT, UT 84066
TELEPHONE (801) 722-2620

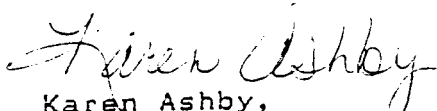
January 18, 1996

TO WHOM IT MAY CONCERN:

Inland Production Company has purchased a 3 inch water connection with Johnson Water District to supply Monument Butte oilfield.

Johnson Water District has given permission to Inland Production Company to use water from our system for the purpose of drilling and completing the Tar Sand Federal ~~15-31~~ 9-31, and 15-31.

Sincerely,


Karen Ashby,
Secretary

**INLAND PRODUCTION COMPANY
TAR SANDS FEDERAL #8-31
SE/NE SECTION 31, T8S, R17E
DUCHESNE COUNTY, UTAH**

TEN POINT WELL PROGRAM

1. GEOLOGIC SURFACE FORMATION:

Uinta formation of Upper Eocene Age

2. ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:

Uinta	0' - 3030'
Green River	3030'
Wasatch	6500'

3. ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS:

Green River Formation 3030' - 6400' - & Oil

4. PROPOSED CASING PROGRAM

8 5/8", J-55, 24# w/ ST&C collars; set at 300' (New)
7 7/8 J-55, 15.5# w/ LT&C collars/ set at TD (New)

5. MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:

The operators minimum specifications for pressure control equipment are as follows:

A 8" Series 900 Hydril Bag type BOP and a 8" Double Ram Hydraulic unit with a closing unit will be utilized. Function test of BOPS's will be checked daily.

(See Exhibit F)

6. TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:

It is proposed that the hole be drilled with fresh water to the Green River formation @ approximately 3030', and with mud thereafter. The mud system will be a water based gel-chemical, weighted to 10.0 ppg as necessary for gas control.

7. AUXILIARY SAFETY EQUIPMENT TO BE USED:

Auxiliary safety equipment will be a Kelly Cock, bit float, and a TIW valve with drill pipe threads.

8. **TESTING, LOGGING AND CORING PROGRAMS:**

No drill stem testing has been scheduled for this well. It is anticipated at this time that the logging will consist of a Dual Induction Laterolog, Compensated Neutron-Formation Density Log. Logs will run from TD to 3500'. The cement bond log will be run from PBTD to cement top. The use of mud loggers to be determined at a later date.

9. **ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:**

The anticipated bottom hole pressure is 1800 psi. It is not anticipated that abnormal temperatures will be encountered; nor that any other abnormal hazards such as H₂S will be encountered in this area.

10. **ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:**

It is anticipated that the drilling operations will commence the third quarter of 1996, and take approximately eight days to drill.

**INLAND PRODUCTION COMPANY
TAR SANDS FEDERAL #8-31
SE/NE SECTION 31, T8S, R17E
DUCHESNE COUNTY, UTAH**

THIRTEEN POINT WELL PROGRAM

1. EXISTING ROADS

See attached Topographic Map "A"

To reach Inland Production Company well location site Tar Sands Federal #8-31 located in the SE 1/4 NE 1/4 Section 31, T8S, R17E, S.L.B. 7 M. Duchesne County, Utah:

Proceed westerly out of Myton, Utah along Highway 40 - 1.6 miles \pm to the junction of this highway and Utah State Highway 53; proceed southerly along Utah State Highway 6.3 miles to its junction with an existing dirt road to the southwest, proceed southwesterly along this road 2.8 miles on the existing dirt road to the south. Proceed southerly along this road .8 miles to the junction with an existing dirt road to the east; proceed easterly along this road 3.1 miles to the beginning of the proposed access road, to be discussed in item #2.

The highways mentioned in the foregoing paragraph are bituminous surfaced roads to the point where Highway 53 ends, thereafter the roads are constructed with existing materials and gravel. The highways are maintained by Utah State road crews. All other roads are maintained by County Crews.

The aforementioned dirt oilfield service roads and other roads in the vicinity are constructed out of existing native materials that are prevalent to the existing area they are located in and range from clays to a sandy-clay shale material.

The roads required for access during the drilling, completion and production phase will be maintained at the standards required by the BLM or other controlling agencies. This maintenance will consist of some minor grader work for smoothing road surfaces and for snow removal.

2. PLANNED ACCESS ROAD

See Topographic Map "B".

The planned access road leaves the existing location described in Item #1 in the NW 1/4 SE 1/4 Section 31, T8S, R16E, S.L.B., and proceeds in a northeasterly direction approximately .2 miles \pm to the proposed location site.

The planned access road will be an 18' crown road (9' either side of the centerline) with drainage ditches along either side of the proposed road whether it is determined necessary in order to handle any run-off from normal meteorological conditions that are prevalent to this area. The maximum grade will be less than 8%.

TAR SANDS FEDERAL #8-31

There will no culverts required along this access road. There will no water turnouts constructed along this road.

There are no fences encountered along this proposed road. There will no new gates or cattle guards required.

All construction material for this access road will be borrowed material accumulated during construction of the access road.

3. LOCATION OF EXISTING WELLS

There are eight (8) producing, four (4) injection, and one (1) P&A, Inland Production wells, six (6) producing, two (2) injection Balcron wells, and one (1) P&A Wildrose well, within a one (1) mile radius of this well. See Exhibit "D".

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

There are no existing facilities that will be used by this well.

It is anticipated that this well will be a producing oil well.

Upon construction of a tank battery the well pad will be surrounded by a dike of sufficient capacity to contain at minimum the entire contents of the largest tank within the facility battery.

Tank batteries will be placed on a per Sundry Notice if the well is completed as a producer.

All permanent (on site for six (6) months or longer) structures constructed or installed (including pumping units) will be painted Desert Tan. All facilities will be painted within six months of installation.

5. LOCATION AND TYPE OF WATER SUPPLY

At the present time, it is anticipated that the water for this well will be trucked from our pre-approved Inland Production Company water supply line located at the Gilsonite State #7-32 (SW/NE Sec. 32, T8S, R17E) location as indicated on Topographic Map - Exhibit C".

In the event this water source is not used an alternate source will be used and all the necessary arrangements will be made with the proper authorities.

There will be no water well drilled at this site.

6. SOURCE OF CONSTRUCTION MATERIALS

See Location Layout Sheet - Exhibit "E".

All construction material for this location shall be borrowed material accumulated during construction of the location site and access road. (Pit lining material is referred to in Item #7.)

A mineral material application is not required for this location.

7. **METHODS FOR HANDLING WASTE DISPOSAL**

See Location Layout Sheet - Exhibit "E".

If the reserve pit is lined, it will be constructed and lined with plastic reinforced lines so as not to leak, break, or allow discharge. It will be a minimum of 12 mil thickness with sufficient bedding (either straw or dirt) to cover any rocks. The line will overlap the pit wall and be covered with dirt and/or rocks to hold it in place. No trash, scrap pipe, etc., that could puncture the liner will be disposed on in the pit.

After first production, produced water will be confined to a pit or storage tank for a period not to exceed ninety (90) days. During the ninety (90) day period, in accordance with the Onshore Order #7, an application for approval of permanent disposal method and location, along with required water analysis, shall be submitted for the Authorized Officers approval.

A portable toilet will be provided for human waste.

A trash basket will be provided for garbage (trash) and hauled away to an approved disposal site at the completion of the drilling activities.

8. **ANCILLARY FACILITIES**

There are no ancillary facilities planned for at the present time and none foreseen in the near future.

9. **WELL SITE LAYOUT**

See attached Location Layout Sheet - Exhibit "E".

The reserve pit will be located on the north side between stakes 4 & 5.

No flare pit will be used at this location.

The stockpiled topsoil (first six (6) inches) will be wind-rowed across the east and south sides of the location.

Access to the well pad will be from the southwest corner, between stakes 1 & 2.

Fencing Requirements

All pits will be fenced according to the following minimum standards:

- a) 39 inch net wire shall be used with at least one strand of barbed wire on top of the net.

TAR SANDS FEDERAL #8-31

- b) The net wire shall be not more than two (2) inches above the ground. The barbed wire shall be three (3) inches above the net wire. Total height of the fence shall be at least forty-two (42) inches.
- c) Corner posts shall be cemented and/or braced in such a manner to keep tight at all times.
- d) Standard steel, wood or pipe posts shall be used between the corner braces. Maximum distance between any two posts shall be no greater than sixteen (16) feet.
- e) All wire shall be stretched, by using a stretching device, before it is attached to the corner posts.

The reserve pit fencing will be on three (3) sides during drilling operations and on the fourth side when the rig moves off location. Pits will be fenced and maintained until cleanup.

10. PLANS FOR RESTORATION OF SURFACE

a) *Producing Location*

Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, equipment, debris, material, trash and junk not required for production.

If a plastic nylon reinforced liner is used, it shall be torn and perforated before back filling of the reserve pit.

The reserve pit and that portion of the location not needed for production facilities/operations will be re contoured to the approximated natural contours. The reserve pit will be reclaimed within ninety (90) days from the date of well completion. Before any dirt work takes place, the reserve pit must have all fluids and hydrocarbons, all cans, barrels, pipe, etc., removed.

When the drilling and completion phase ends, reclamation of unused disturbed areas on the well pad/access road no longer needed for operations, such as cut slopes, and fill areas will be accomplished by grading, leveling and seeding as recommended by the Authorized Officer. The seed mixture will be per B.L.M. and stated in the conditions of approval.

b) *Dry Hole Abandoned Location*

At such time as the well is plugged and abandoned, the operator shall submit a subsequent report of abandonment and the B.L.M. will attach the appropriate surface rehabilitation conditions of approval.

11. **SURFACE OWNERSHIP** - Bureau Of Land Management

12. **OTHER ADDITIONAL INFORMATION**

- a) Inland Production Company is responsible for informing all persons in the area who are associated with this project that they will be subject to prosecution for knowingly disturbing historic or archaeological sites, or for collecting artifacts. If historic or archaeological materials are uncovered during construction, Inland is to immediately stop work that might further disturb such materials, and contact the Authorized Officer.
- b) Inland Production will control noxious weeds along rights-of-way for roads, pipelines, well sites, or other applicable facilities. On B.L.M. administered land it is required that a Pesticide Use Proposal shall be submitted, and given approval, prior to the application of herbicides or other possible hazardous chemicals.
- c) Drilling rigs and/or equipment used during drilling operations on this well site will not be stacked or stored on Federal Lands after the conclusion of drilling operations or at any other time without B.L.M. authorization. However, if B.L.M. authorization is obtained, it is only a temporary measure to allow time to make arrangements for permanent storage on commercial facilities.

There are no dwellings or facilities in the general area. There are no visible archaeological, historical or cultural sites within any reasonable proximity of the proposed location site. The Cultural Resource Survey is attached.

Additional Surface Stipulations

A silt catchment dam will be constructed southeast of location in drainage at flagged area.

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws and regulations. Onshore Oil and Gas Orders, the approved plan of operations, and any applicable Notice to Lessees. Inland Production is fully responsible for the actions of its subcontractors. A copy of these conditions will be furnished to the field representative to insure compliance.

A complete copy of the approved APD, if applicable, shall be on location during the construction of the location and drilling activities.

Inland Production Company or a contractor employed by Inland Production shall contact the B.L.M. office at (801) 789-1362, 48 hours prior to construction activities.

The B.L.M. office shall be notified upon site completion prior to moving on the drilling rig.

TAR SANDS FEDERAL #8-31

13. LESSEE'S OR OPERATORS REPRESENTATIVE AND CERTIFICATION

Representative

Name: Brad Mecham
Address: P.O. Box 1446 Roosevelt, Utah 84066
Telephone: (801) 722-5103

Certification

Please be advised that INLAND PRODUCTION COMPANY is considered to be the operator of Tar Sands Federal #8-31 NE/SW Section 31, Township 8S, Range 17E: Lease U-74869, Duchesne County, Utah: and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by Hartford Accident #4488944.

I hereby certify that I, or persons under my direct supervision have inspected the proposed drillsite and access route; that I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and that the work associated with the operations proposed here will be performed by Inland Production Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

2-19-96

Date

Brad Mecham

Brad Mecham
Operations Manager

TAR SANDS FEDERAL #8-31

- b) The net wire shall be not more than two (2) inches above the ground. The barbed wire shall be three (3) inches above the net wire. Total height of the fence shall be at least forty-two (42) inches.
- c) Corner posts shall be cemented and/or braced in such a manner to keep tight at all times.
- d) Standard steel, wood or pipe posts shall be used between the corner braces. Maximum distance between any two posts shall be no greater than sixteen (16) feet.
- e) All wire shall be stretched, by using a stretching device, before it is attached to the corner posts.

The reserve pit fencing will be on three (3) sides during drilling operations and on the fourth side when the rig moves off location. Pits will be fenced and maintained until cleanup.

10. PLANS FOR RESTORATION OF SURFACE

a) *Producing Location*

Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, equipment, debris, material, trash and junk not required for production.

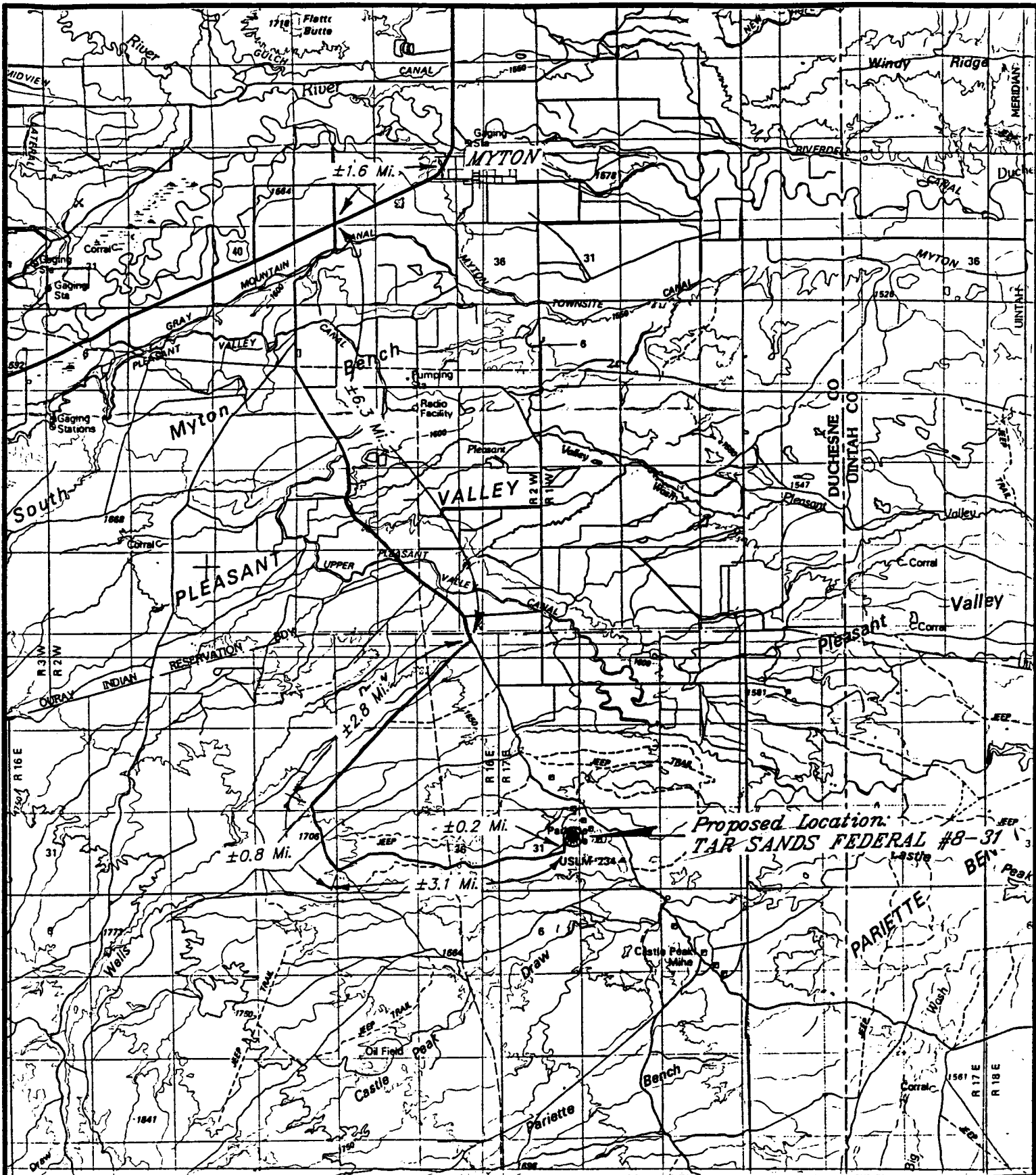
If a plastic nylon reinforced liner is used, it shall be torn and perforated before back filling of the reserve pit.

The reserve pit and that portion of the location not needed for production facilities/operations will be re contoured to the approximated natural contours. The reserve pit will be reclaimed within ninety (90) days from the date of well completion. Before any dirt work takes place, the reserve pit must have all fluids and hydrocarbons, all cans, barrels, pipe, etc., removed.

When the drilling and completion phase ends, reclamation of unused disturbed areas on the well pad/access road no longer needed for operations, such as cut slopes, and fill areas will be accomplished by grading, leveling and seeding as recommended by the Authorized Officer. The seed mixture will be per B.L.M. and stated in the conditions of approval.

b) *Dry Hole Abandoned Location*

At such time as the well is plugged and abandoned, the operator shall submit a subsequent report of abandonment and the B.L.M. will attach the appropriate surface rehabilitation conditions of approval.

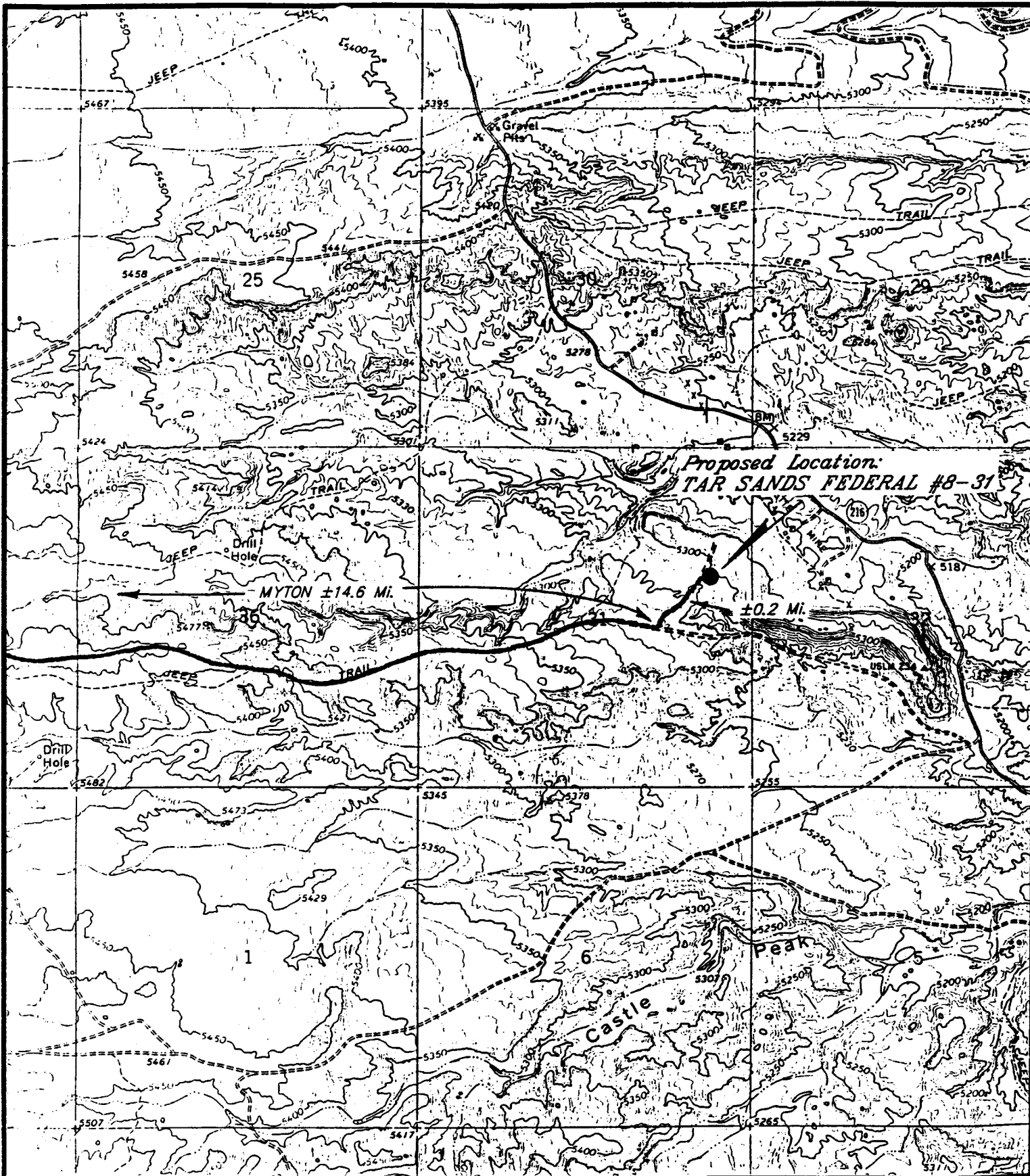


INLAND PRODUCTION COMPANY

TAR SANDS FEDERAL #8-31
SEC. 31, T8S, R17E, S.L.B.&M.
TOPO "A"

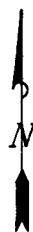


Tri State
Land Surveying, Inc.
(801) 781-2501
38 WEST 100 NORTH VERNAL, UTAH 84078



INLAND PRODUCTION COMPANY

TAR SANDS FEDERAL #8-31
 SEC. 31, T8S, R17E, S.L.B.&M.
 TOPO "B"



SCALE: 1" = 2000'

Tri State
 Land Surveying, Inc.
 (801) 781-2501
 38 WEST 100 NORTH VERNAL, UTAH 84078

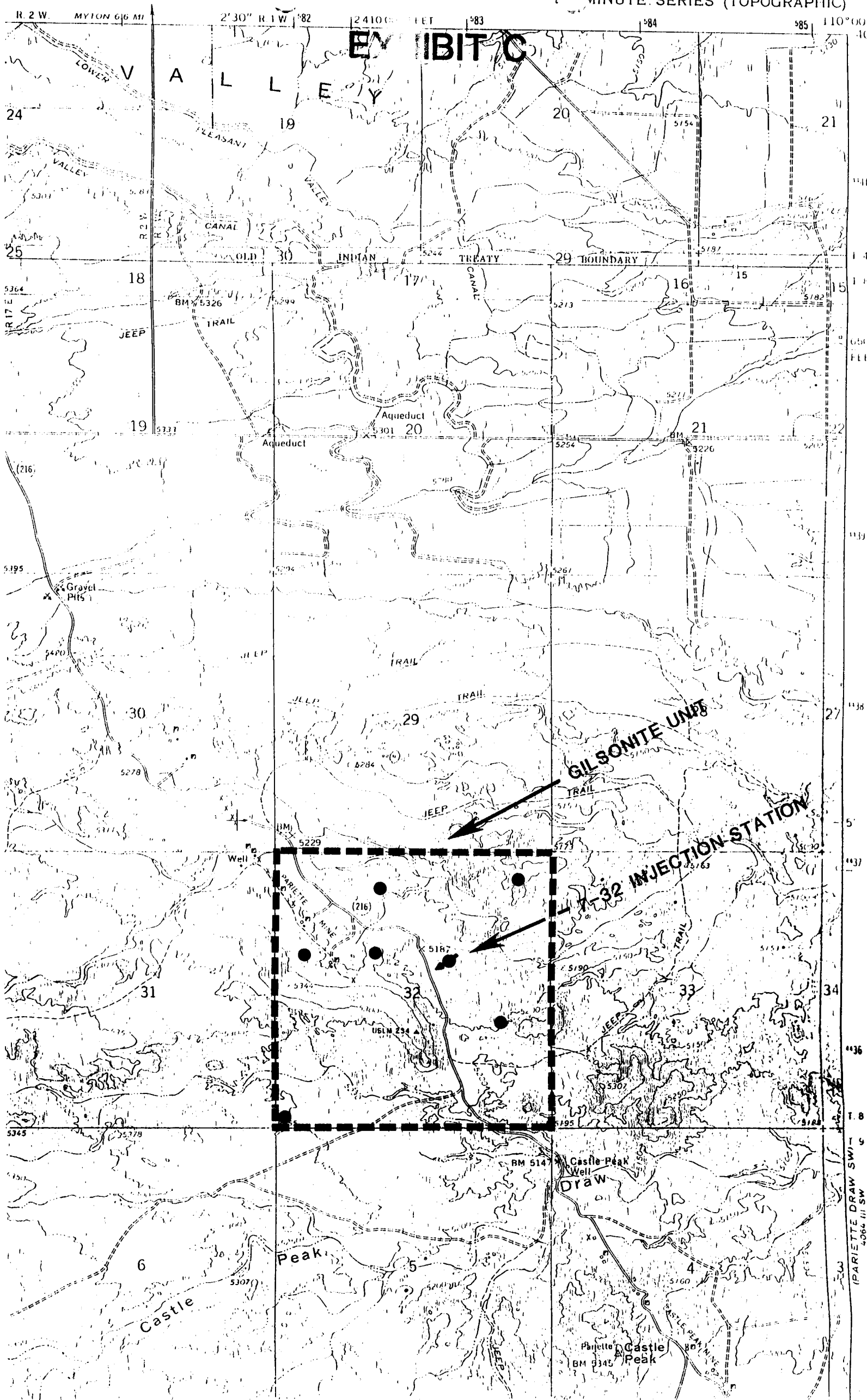
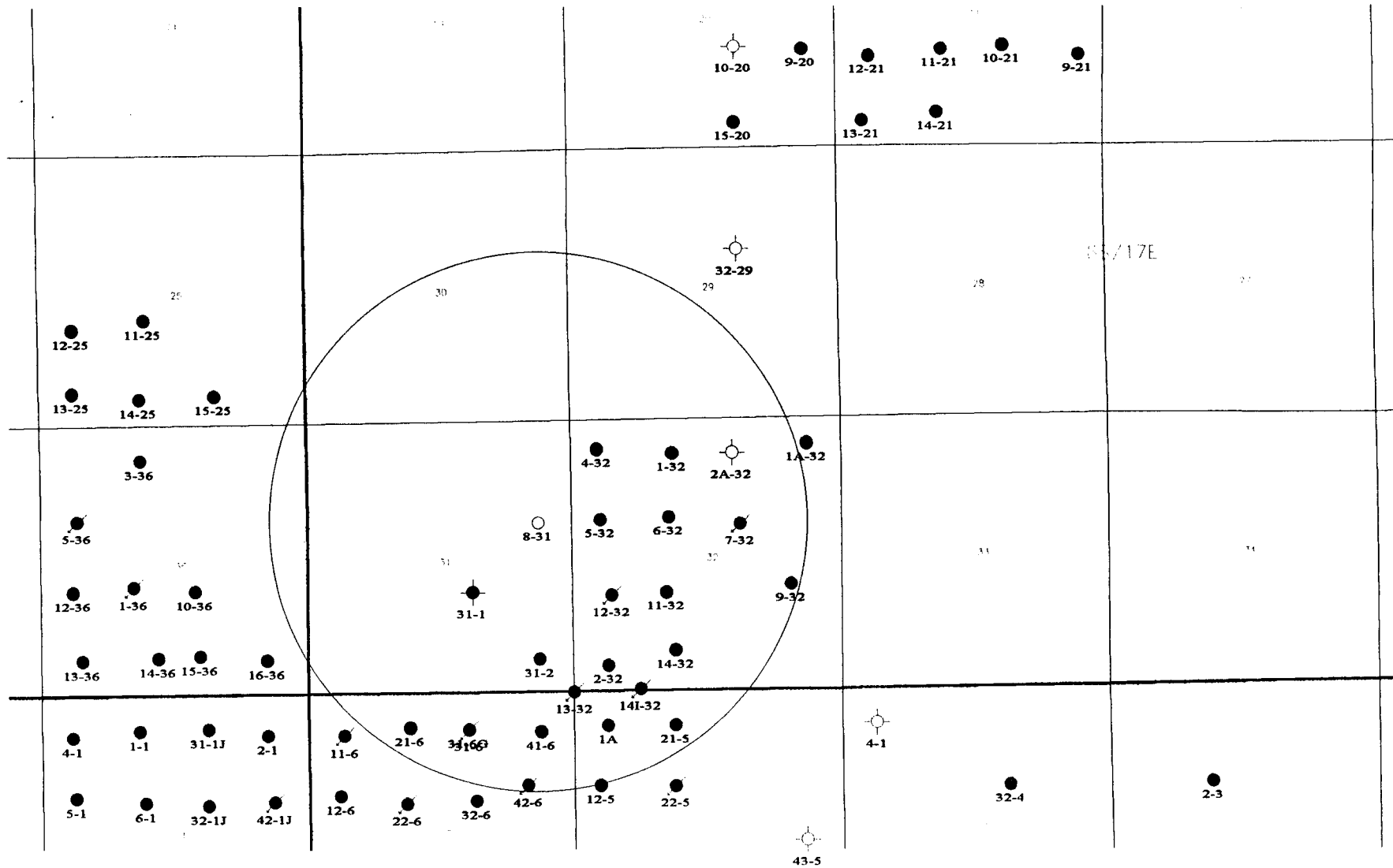


EXHIBIT "D"



475 17th Street Suite 1500
Denver, Colorado 80202
Phone: (303)-292-0900

Tar Sands Federal #8-31

One Mile Radius

Duchesne County, Utah

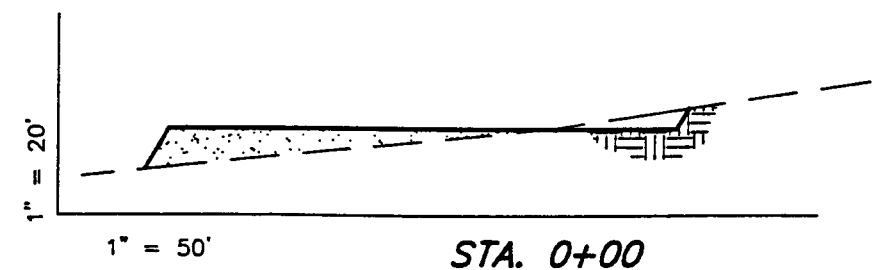
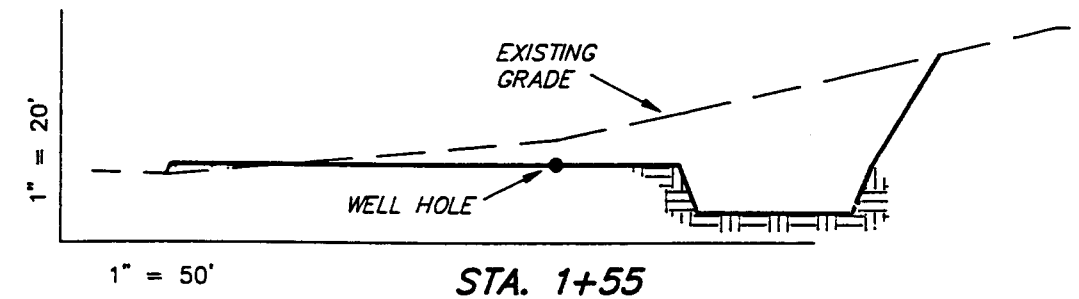
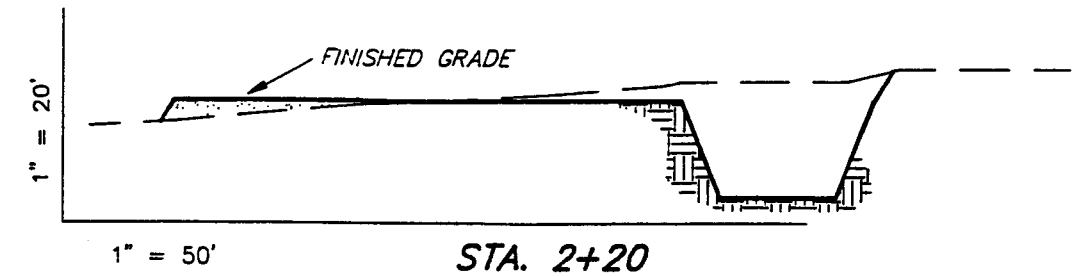
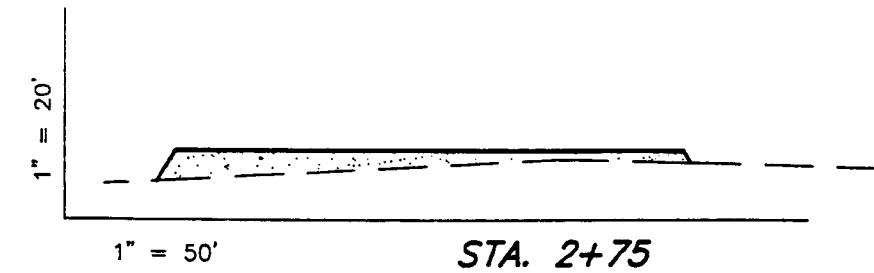
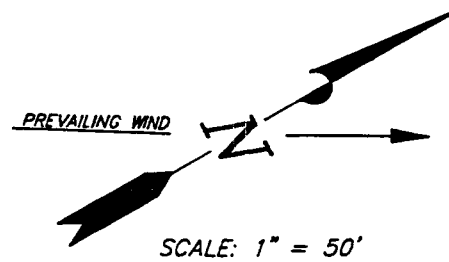
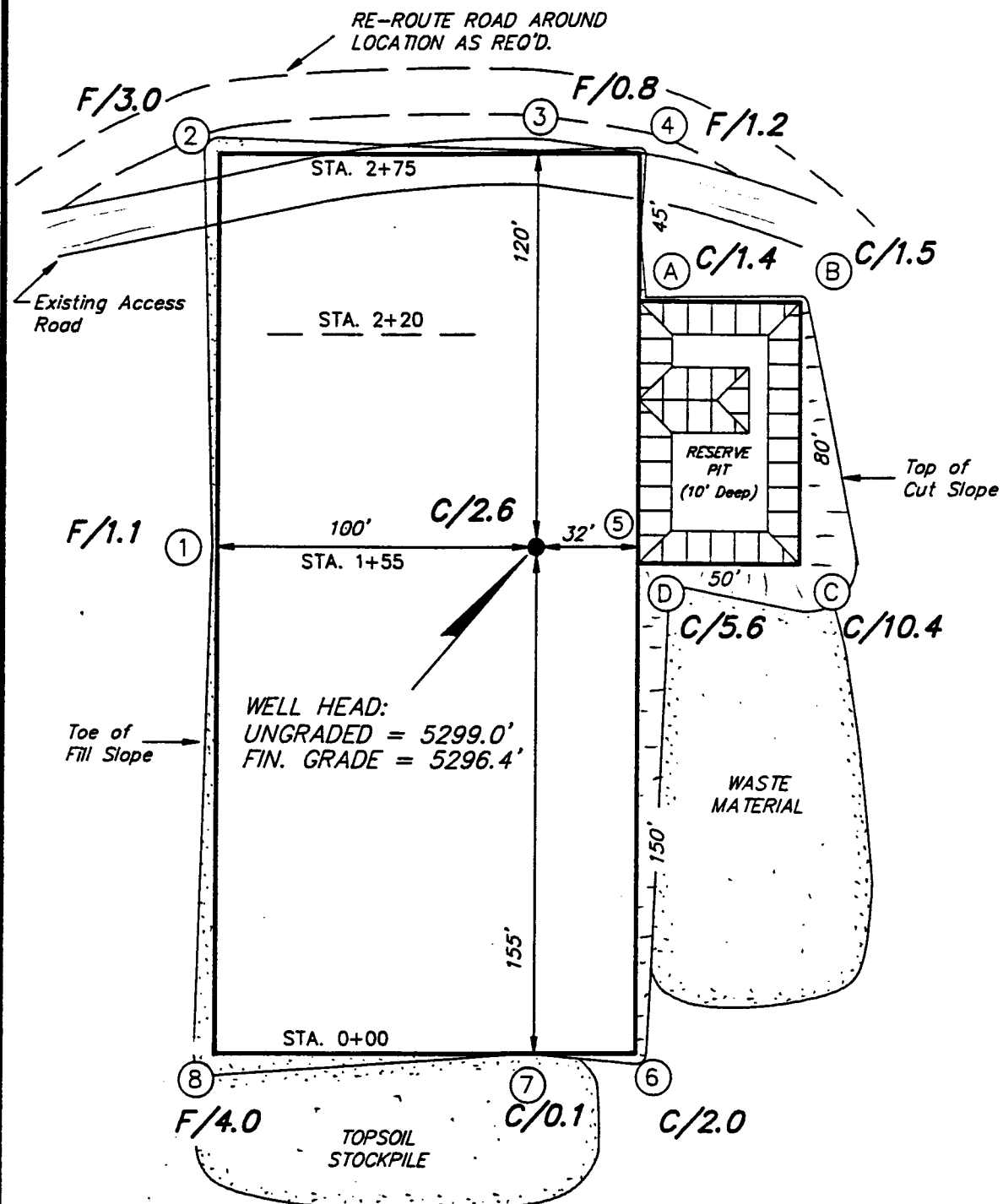
Date: 1-15-96

D.G.



INLAND PRODUCTION COMPANY

TAR SANDS FEDERAL #8-31
SEC. 31, T8S, R17E, S.L.B.&M.



REFERENCE POINTS

150' SOUTHERLY = 5296.1'
200' SOUTHERLY = 5298.0'
170' WESTERLY = 5293.5'
220' WESTERLY = 5291.9'

APPROXIMATE YARDAGES

CUT = 1,340 Cu. Yds.
FILL = 1,330 Cu. Yds.
PIT = 1,060 Cu. Yds.
6" TOPSOIL = 750 Cu. Yds.

SURVEYED BY: S.S.

DRAWN BY: J.R.S.

DATE: 1-19-96

SCALE: 1" = 50'

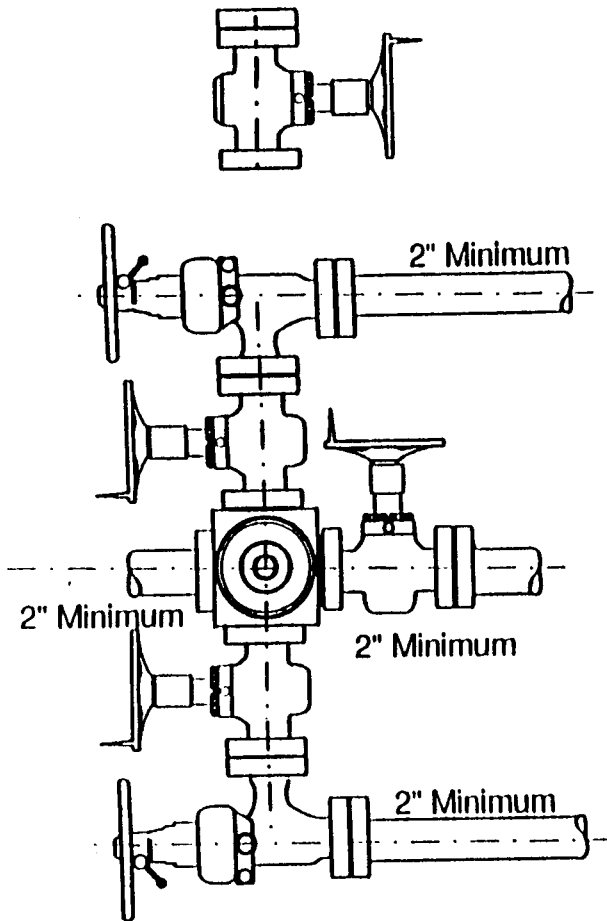
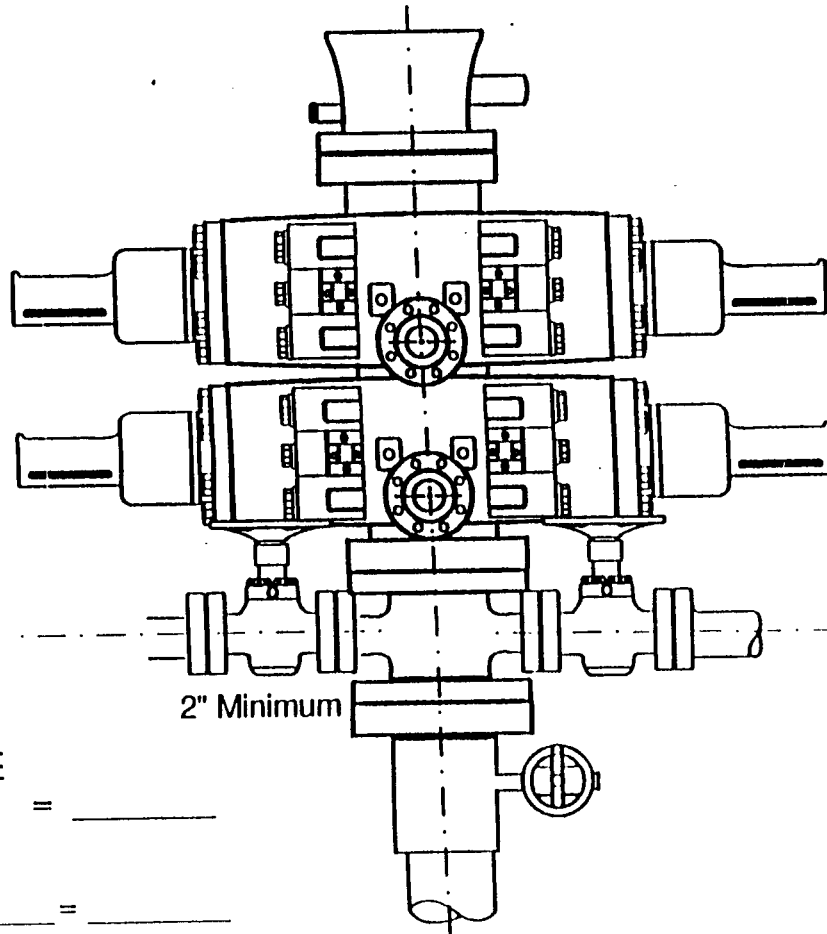
FILE:

Tri State
Land Surveying, Inc.
(801) 781-2501
38 WEST 100 NORTH VERNAL, UTAH 84078

2-M SYSTEM

EXHIBIT F

RAM TYPE B.O.P.
Make:
Size:
Model:



GAL TO CLOSE

Annular BOP = _____

Ramtype BOP

_____ Rams x _____ = _____

= _____ Gal.

_____ x 2 = _____ Total Gal.

Rounding off to the next higher

increment of 10 gal. would require

_____ Gal. (total fluid & nitro volume)

**A CULTURAL RESOURCES SURVEY OF INLAND'S
TAR SANDS FEDERAL WELLS #8-31, 9-31 AND 15-31,
AND THEIR ACCESS ROADS,
DUCHESNE COUNTY, UTAH**

by

Michael R. Polk
Principal Archaeologist

Prepared for:

Inland Production Company
P.O. Box 1446
Roosevelt, Utah 84066

Prepared by:

Sagebrush Archaeological Consultants, L. L. C.
3670 Quincy Avenue, Suite 203
Ogden, Utah 84403

Under the Authority of Cultural Resources Use Permit No. 95-UT-54630

and

Utah State Antiquities Permit No. U-96-SJ-0021b

Archaeological Report No. 839-01

January 29, 1996

INTRODUCTION

In January 1996, Inland Production Company (Inland) of Roosevelt, Utah requested that Sagebrush Archaeological Consultants, L.L.C. (Sagebrush) conduct a cultural and paleontological resources inventory for three well pads and an access road in Duchesne County, Utah. Tar Sands Federal #8-31 (1980' FNL, 660' FEL), 9-31 (1980' FSL, 660' FEL) and 15-31 (802' FSL, 2074.4' FEL) lie in T. 8S., R. 17E., S. 31. The access road for well #15-31 extends into T. 9S., R. 17E., S. 6.

These three wells and their access roads lie on USGS 7.5' Quadrangle Myton SE, Utah (1964) (Figure 1). Lands in the survey area are controlled by the Bureau of Land Management (BLM). The field inspection was carried out by the author on January 18, 1996, under the authority of Cultural Resources Use Permit No. 95-UT-54630 and Utah State Antiquities Permit No. U-96-SJ-0021b.

The author carried out a file search for the project area at the Bureau of Land Management, Vernal District Office, on January 17, 1996, and found that numerous cultural resource projects have been conducted near the current project area. An additional file search was conducted by Wendy Simmons Johnson and Evie Seelinger at the Division of State History, Utah State Historic Preservation Office, Salt Lake City on January 18, 1996 to determine if any cultural resources projects have been conducted, or sites recorded, in the project area.

More than 15 cultural resources projects have been conducted in the area of the current project. Due to the large number of projects conducted in this area, individual project descriptions will not be listed. However, fourteen cultural resources sites are listed as being located near the current project area. Following is a brief description of these sites:

Site 42Dc349. This site, located in a small arroyo surrounded by low sand dunes south of the Pariette Mine, consists of a sparse lithic scatter. This site was recommended ELIGIBLE to the National Register of Historic Places (NRHP).

Site 42Dc350. This site, located in shallow dunes along the south side of Castle Peak Draw, consists of a sparse lithic scatter. This site has not been evaluated for eligibility to the NRHP.

Site 42Dc351. This site, located in an arroyo along a tributary of Castle Peak Draw, consists of a small prehistoric rockshelter containing lithic debitage and one biface. This site was recommended ELIGIBLE to the NRHP.

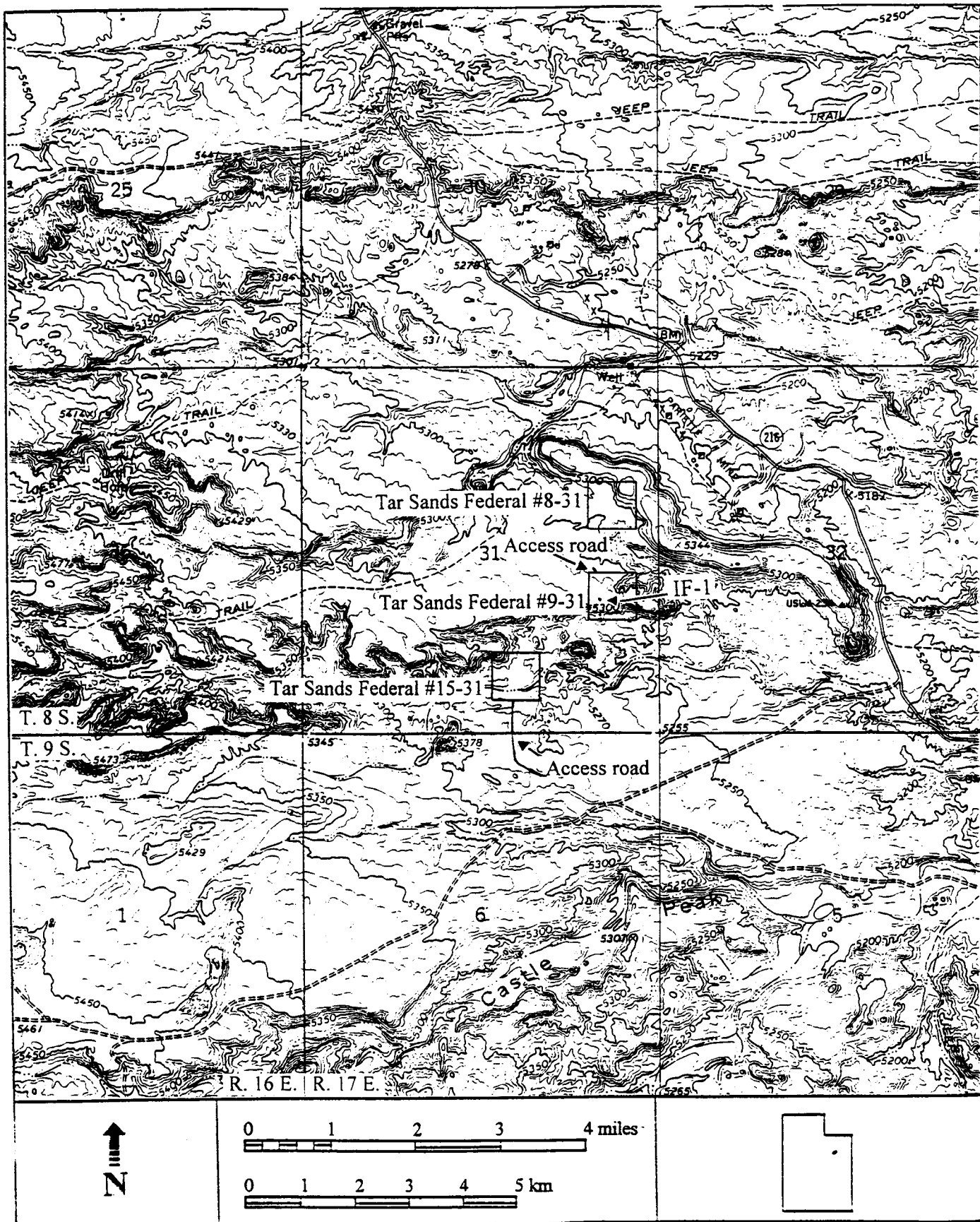


Figure 1. Location of Tar Sands Federal Wells #8-31, #9-31, and #15-31. Taken from: USGS 7.5' Quadrangle Myton SE, Utah (1964).

Site 42Dc352. This site, located at the cliff base along the south bank of Castle Peak Draw, consists of a historic campsite. Artifacts present at the site include a mason jar, tin can and .22 caliber rifle partially buried in the slope. This site was recommended ELIGIBLE to the NRHP.

Site 42Dc353. This site, located on desert pavement surfaces on top of an east-west ridge north of Castle Peak Draw, consists of a lithic scatter and temporary campsite. This site was recommended ELIGIBLE to the NRHP.

Site 42Dc372. This site is a thin lithic scatter/ possible quarry with chert, flint and quartzite flakes and cores. Decortication flakes are most common, followed by primary thinning flakes and a few secondary flakes. One non-diagnostic projectile point base was also found. Since there are no cultural features and no apparent depth to the cultural deposits, this site is considered non-significant and was recommended NOT eligible to the NRHP.

Site 42Dc381. This site, visible in the washed out and blown out areas of sand dunes, consisted of six flakes and one biface. There is a probability of buried cultural deposits in the sand dunes which could provide valuable information in a study of regional prehistory. Therefore, this site was recommended ELIGIBLE to the NRHP.

Site 42Dc426. This site is a large lithic scatter and campsite, containing a high density of lithic artifacts, a possible stone enclosure, a small historic tin can scatter and historic petroglyph (DUFER AP.17.98). Primary and secondary chert and quartzite flakes were common, while decortication and tertiary flakes were rare. The assemblage also included four bifaces, three cores, three choppers ten utilized flakes and two manos. Since the site is located in a dunal area, there is a probability of buried cultural deposits which could provide additional information on regional prehistory. Therefore, this site was recommended ELIGIBLE to the NRHP.

Site 42Dc732. This site, located on a low stabilized dune north of Castle Peak Draw, consists of an extensive lithic scatter and open occupation area. Artifacts located at the site include scrapers lithic debris and ground stone. This site was recommended ELIGIBLE to the NRHP.

Site 42Dc763. This site, located on a sandy bench north of Castle Peak Draw, consists of a small dense lithic scatter. This site was recommended ELIGIBLE to the NRHP.

Site 42Dc764. This site, located on a broad ridge north of Castle Peak Draw, consists of a small, sparse lithic scatter. This site was recommended NOT eligible to the NRHP.

Site 42Dc766. This site, located on the top of a low dune in a tributary wash just south of Castle Peak Draw, consists of a sparse lithic scatter of secondary flakes. This site was recommended ELIGIBLE to the NRHP.

Site 42Dc907. This site consists of a sparse lithic scatter located on a low bench. Two small concentrations of flakes (possibly "collector" piles) and one biface fragment were found at the site. It is unlikely that there are any buried cultural deposits at the site, therefore it was recommended NOT eligible for the NRHP.

Site 42Dc941. This is a sparse lithic scatter with 14 tertiary flakes, one secondary flake, two conjoining biface fragments, and three possible spent cores. There are no cultural features and it is unlikely there are any buried cultural deposits, therefore this site was recommended NOT eligible to the NRHP.

The National Register of Historic Places (NRHP) was consulted prior to the commencement of fieldwork for the present project. No NRHP sites were found located in the vicinity of the current project area.

Martha Hayden, with the Utah Geological Survey, conducted a paleontological file search on January 18, 1996 and found two paleontological localities, 42Dc110V and 42Dc111P, recorded in T. 8S., R. 17E., S. 31. There are six other localities within a mile of the current project area. A brief description of them follows:

Locality 42Dc011V. This locality, in the SE1/4 of T. 9S., R. 17E., S. 6, lies on dissected terrain sloping north to Castle Peak Draw and consists of small fragments of vertebrate bone on a clay bench. The locality has been evaluated as INSIGNIFICANT.

Locality 42Dc012V. This locality, in the NW1/4 of T. 9S., R. 17E., S. 5, lies in a tributary drainage just north of Castle Peak Draw and consists of a sparse scatter of small vertebrate fragments. The locality has been evaluated as INSIGNIFICANT.

Locality 42Dc110V. This locality, in the SE1/4 of T. 8S., R. 17E., S. 31, consists of turtle shell and mammal bone fragments found around a small butte in the Uinta Formation. This locality is considered SIGNIFICANT.

Locality 42Dc111P. This locality, also in the SE1/4 of S. 31, consists of plant impressions in a sandstone ledge near the base of the same small butte containing locality 42Dc110V. This plant impression locality is also considered SIGNIFICANT.

Locality 42Dc207V. This locality, in an outcrop of the Upper Eocene, Uinta Formation, consists of turtle fossils. This locality is considered IMPORTANT.

Locality 42Dc208V. This locality, in an outcrop of the Upper Eocene, Uinta Formation, contains turtle fossils. One specimen is possibly "small, thin shelled" turtle and may be almost complete. This locality is considered IMPORTANT.

Locality 42Dc224V. This locality, in SW1/4 of T. 8S., R. 16E., S. 36, consists of several fossilized turtle shells eroding out of the Uinta Formation and a small fossil lizard jaw. This locality is considered SIGNIFICANT.

Locality 42Dc225V. This locality, also in the SW1/4 of S. 36, consists of turtle shell fragments from an outcrop and the side of a hill (Uinta Formation). This locality is considered IMPORTANT.

ENVIRONMENT

The area surveyed during this project lies approximately 8 miles south of Myton, Utah. The survey area lies in an area of rolling tablelands dissected by deep drainages and eroding bedrock outcrops of sandstone and metamorphic rock. Soils in these areas are poorly developed and extremely sandy in nature. Sediments consist of very fine grained buff, green and reddish colored sandy silt with areas of angular rock fragments composed of metamorphic rock and sandstone. The elevation of the areas surveyed ranges from 1603 to 1625 meters (m) (5260 to 5330 feet [ft]) a.s.l.

Vegetation in the project area covers approximately 20 to 30 percent of the surface and is predominantly Shadscale community species. Noted species include shadscale, rabbitbrush, sagebrush, matchbrush, four-wing saltbush, and prickly pear cactus. Some willow was observed along the arroyos.

Many seasonally flowing drainages and washes are present in the vicinity of the project area. These seasonal water sources were likely the primary source of water in this area both prehistorically and historically. Natural disturbance in the area consists primarily of sheetwash erosion and arroyo cutting. Cultural disturbance includes existing well pad locations, pipelines, access roads, and the grazing of livestock.

METHODOLOGY

The survey area covered during this project consists of three 40,469 m² (10 acres) block areas, each one measuring 201-by-201 m (660-by-660 ft) and centered on its proposed well head. The author also surveyed two proposed access roads connecting Tar Sands Federal #9-31 and #15-31 to existing access roads. The well pads were inventoried by the author walking parallel transects spaced no more than 15 meters (45 ft) apart. The well pad access roads, which total 427 m (1400 ft) in length, were walked in two parallel transects spaced 10 m (33 ft) apart to cover a corridor width of 30 m (100 ft). The area surveyed on this project totals 133,767 m² (33.21 acres).

RESULTS

One isolated artifact (IF-1) was found on the well pad proposed for Tar Sands Federal #9-31. This artifact consists of a unifacially flaked core measuring 6.7 centimeters (cm) long, 4.9 cm wide and up to 1.8 cm thick. The artifact lies on moderate desert pavement with patinated angular metamorphic pebbles and cobbles. No cultural resources sites and no paleontological localities were found during this inventory.

RECOMMENDATIONS

Since there were no cultural resources sites and no paleontological localities found, cultural and paleontological clearance is recommended for the proposed project.

This investigation was conducted with techniques which are considered to be adequate for evaluating cultural and paleontological resources which could be adversely affected by the project. However, should such resources be discovered during construction, a report should be made immediately to the BLM District Archaeologist, Vernal District Office, Vernal, Utah. Also, if well preserved fossil material is encountered during construction, a report needs to be made to the State Paleontologist, Utah Geological Survey, Salt Lake City, Utah.

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 02/21/96

API NO. ASSIGNED: 43-013-31615

WELL NAME: TAR SANDS FEDERAL 8-31
OPERATOR: INLAND PRODUCTION COMPANY (N5160)

PROPOSED LOCATION:

SENE 31 - T08S - R17E
SURFACE: 1980-FNL-0660-FEL
BOTTOM: 1980-FNL-0660-FEL
DUCHESNE COUNTY
MONUMENT BUTTE FIELD (105)

LEASE TYPE: FED
LEASE NUMBER: U - 74869

PROPOSED PRODUCING FORMATION: GRRV

INSPECT LOCATION BY: / /

TECH REVIEW	Initials	Date
Engineering		
Geology		
Surface		

RECEIVED AND/OR REVIEWED:

☒ Plat
☒ Bond: Federal ☒ State ☐ Fee ☐
(Number 4488944)
☒ Potash (Y/N)
☒ Oil shale (Y/N)
☒ Water permit
(Number STATE 9-22 INJECTION WELL)
☒ RDCC Review (Y/N)
(Date: _____)

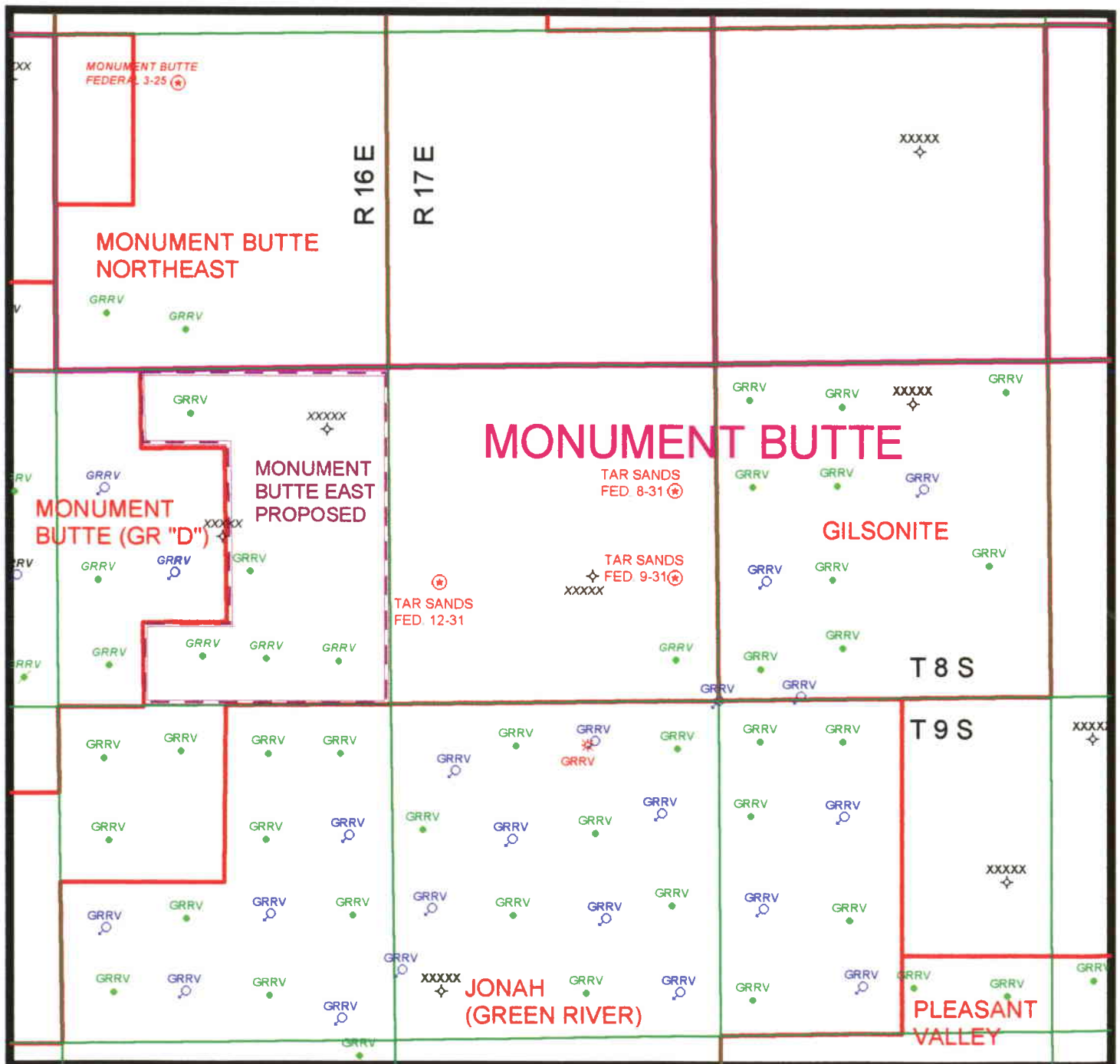
LOCATION AND SITING:

___ R649-2-3. Unit: _____
☒ R649-3-2. General.
___ R649-3-3. Exception.
___ Drilling Unit.
___ Board Cause no: _____
___ Date: _____

COMMENTS: _____

STIPULATIONS: _____

INLAND PRODUCTION COMPANY WATERFLOOD DEVELOPMENT SEC. 31, T8S, R17E, DUCHESNE, COUNTY R649-3-2



**STATE SPACING
UAC R649-3-2**

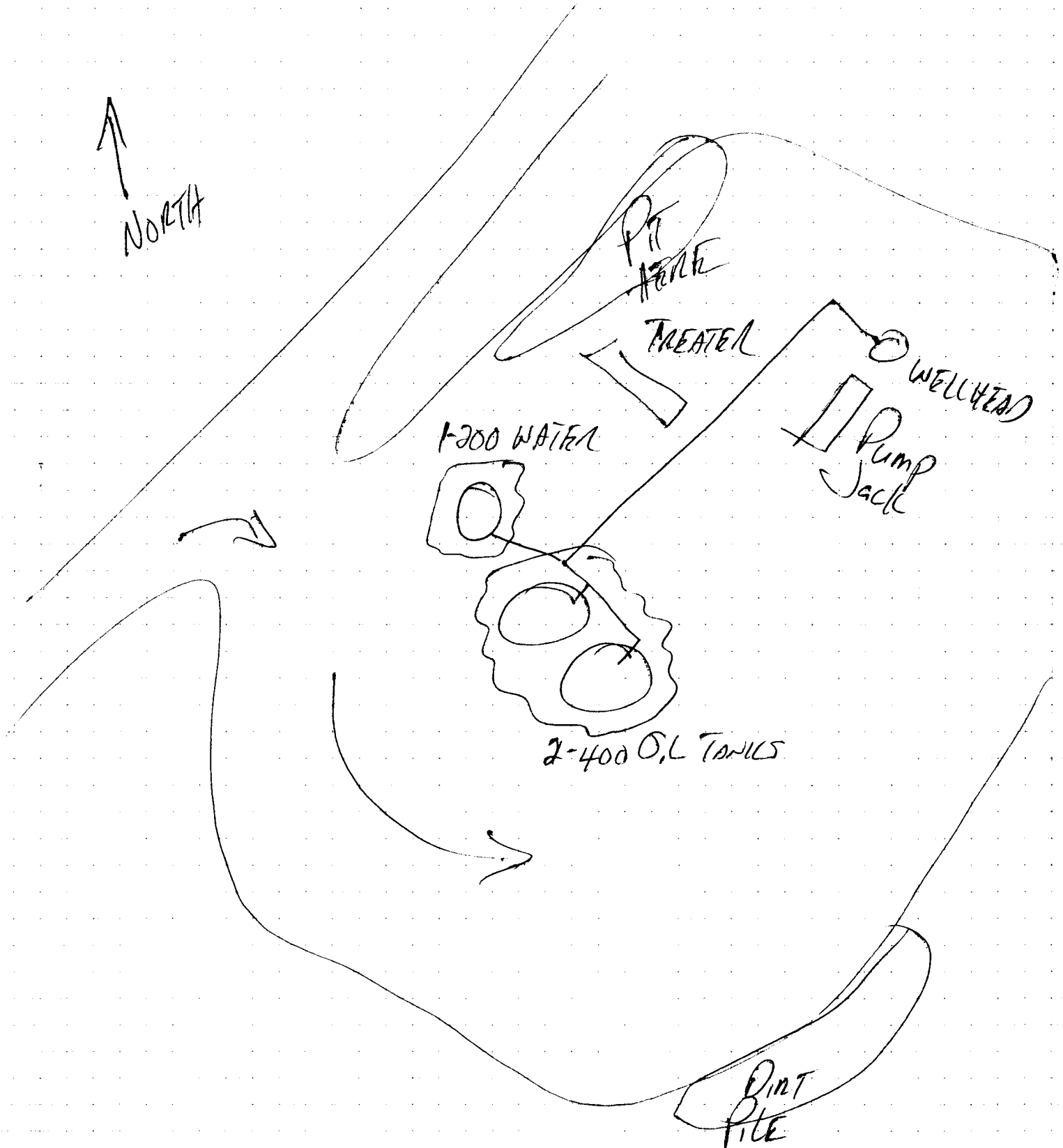
**PREPARED:
DATE: 22-FEB-96**

Inland Production
Tar Sands Federal #8-31
SEC 31; T&S; RITE
POW

U-74869

43-013-31615

NORTH





State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor

Ted Stewart
Executive Director

James W. Carter
Division Director

355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
801-538-5340
801-359-3940 (Fax)
801-538-5319 (TDD)

March 28, 1996

Inland Production Company
P.O. Box 1446
Roosevelt, Utah 84066

Re: Tar Sands Federal #8-31 Well, 1980' FNL, 660' FEL, SE NE, Sec. 31, T. 8 S.,
R. 17 E., Duchesne County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. 40-6-1 et seq., Utah Administrative Code R649-3-1 et seq., and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-013-31615.

Sincerely,

R. J. Firth
Associate Director

lwp

Enclosures

cc: Duchesne County Assessor

Bureau of Land Management, Vernal District Office

WAPD



Operator: Inland Production Company
Well Name & Number: Tar Sands Federal #8-31
API Number: 43-013-31615
Lease: U-74869
Location: SE NE Sec. 31 T. 8 S. R. 17 E.

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for Permit to Drill.

2. Notification Requirements

Notify the Division within 24 hours following spudding the well or commencing drilling operations. Contact Jimmie Thompson at (801)538-5340.

Notify the Division prior to commencing operations to plug and abandon the well. Contact Frank Matthews or Mike Hebertson at (801)538-5340.

3. Reporting Requirements

All required reports, forms and submittals shall be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

43-013-31615
SUBMIT IN TRI
(Other instructi
reverse side)

DOGMA
Form approved.
Budget Bureau No. 1004-0136
Expires August 31, 1985

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>			5. LEASE DESIGNATION AND SERIAL NO. U-74869	
b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>			6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR Inland Production Company			7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR P.O. Box 1446 Roosevelt, Utah 84066			8. FARM OR LEASE NAME Tar Sands Federal	
4. LOCATION OF WELL (Report location clearly and in accordance with all State requirements.) At surface SE/NE At proposed prod. zone 660' FEL & 1980' FNL			9. WELL NO. #8-31	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 11.7 miles south of Myton, Utah			10. FIELD AND POOL, OR WILDCAT	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any) 1320'		16. NO. OF ACRES IN LEASE 1968.01	17. NO. OF ACRES ASSIGNED TO THIS WELL 40	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 660'		19. PROPOSED DEPTH 6500'	20. ROTARY OR CABLE TOOLS Rotary	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 5296.4'			22. APPROX. DATE WORK WILL START* Third Quarter 1996	

23. PROPOSED CASING AND CEMENTING PROGRAM				
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4	8 5/8	24#	300'	120 sx Class G+2% CaCl+2% Gel
7 7/8	5 1/2	15.5#	TD	400 sx Hilift followed by
				330 sx Class G w/ 10% CaCl

The actual cement volumes will be calculated off of the open hole logs, plus 15% excess.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED Brad Mecham TITLE Operations Manager DATE 2/15/96

(This space for Federal or State office use)

PERMIT NO. APPROVAL DATE
APPROVED BY TITLE ASSISTANT DISTRICT MANAGER (INTERNAL) DATE MAR 28 1996
CONDITIONS OF APPROVAL, IF ANY:

NOTICE OF APPROVAL

CONDITIONS OF APPROVAL ATTACHED TO OPERATOR'S COPY

44080-677-068

*See Instructions On Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

CONDITIONS OF APPROVAL
APPLICATION FOR PERMIT TO DRILL

Company/Operator: Inland Production Company

Well Name & Number: Tar Sands Fed. 8-31

API Number: 43-013-31615

Lease Number: U-74869

Location: SENE Sec. 31 T. 8S R. 17E

NOTIFICATION REQUIREMENTS

- | | | |
|---------------------------------|---|---|
| Location Construction | - | at least forty-eight (48) hours prior to construction of location and access roads. |
| Location Completion | - | prior to moving on the drilling rig. |
| Spud Notice | - | at least twenty-four (24) hours prior to spudding the well. |
| Casing String and Cementing | - | at least twenty-four (24) hours prior to running casing and cementing all casing strings. |
| BOP and Related Equipment Tests | - | at least twenty-four (24) hours prior to initiating pressure tests. |
| First Production Notice | - | within five (5) business days after new well begins, or production resumes after well has been off production for more than ninety (90) days. |

For more specific details on notification requirements, please check the Conditions of Approval for Notice to Drill and Surface Use Program.

CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

All lease and/or unit operations will be conducted in such a manner that full compliance is made with applicable laws, regulations (43 CFR 3100), Onshore Oil and Gas Orders, and the approved plan of operations. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished to the field representative by the operator to insure compliance.

Be aware fire restrictions may be in effect when location is being constructed and/or when well is being drilled. Contact the appropriate Surface Management Agency for information.

A. DRILLING PROGRAM

1. Estimated Depth at Which Oil, Gas, Water, or Other Mineral Bearing Zones are Expected to be Encountered

Report **ALL** water shows and water-bearing sands to Tim Ingwell of this office **prior to setting the next casing string or requesting plugging orders**. Faxed copies of State of Utah form OGC-8-X are acceptable. If noticeable water flows are detected, submit samples to this office along with any water analyses conducted.

All usable water and prospectively valuable minerals (as described by BLM at onsite) encountered during drilling, will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

2. Pressure Control Equipment

The BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc., for a 2M system and individual components shall be operable as designed. Chart recorders shall be used for all pressure tests.

Test charts, with individual test results identified, shall be maintained on location while drilling and shall be made available to a BLM representative upon request.

If an air compressor is on location and is being utilized to provide air for the drilling medium while drilling, the special drilling requirements in Onshore Oil and Gas Order No. 2, regarding air or gas drilling shall be adhered to. If a mist system is being utilized then the requirement for a deduster shall be waived.

3. Casing Program and Auxiliary Equipment

Surface casing shall have centralizers on the bottom three joints, with a minimum of one centralizer per joint.

If conductor pipe is set it will be cemented to surface. If drive pipe is used it will be pulled prior to cementing surface casing.

As a minimum, the usable water and oil shale resources shall be isolated and/or protected by having a cement top for the production casing at least 200 ft. above the top of the usable water zone identified at ± 311 ft. or by setting the surface casing at ± 351 ft. and have a cement top for the production casing at least 200 ft. above the Mahogany Oil Shale, identified at ± 2459 ft. If gilsonite is encountered while drilling, it shall be isolated and/or protected via the cementing program.

4. Mud Program and Circulating Medium

Hazardous substances specifically listed by the EPA as a hazardous waste or demonstrating a characteristic of a hazardous waste will not be used in drilling, testing, or completion operations.

No chromate additives will be used in the mud system on Federal and Indian lands without prior BLM approval to ensure adequate protection of fresh water aquifers.

5. Coring, Logging and Testing Program

Daily drilling and completion progress reports shall be submitted to this office on a weekly basis.

All Drill Stem tests (DST) shall be accomplished during daylight hours, unless specific approval to start during other hours is obtained from the AO. However, DSTs may be allowed to continue at night if the test was initiated during daylight hours and the rate of flow is stabilized and if adequate lighting is available (i.e., lighting which is adequate for visibility and vaporproof for safe operations). Packers can be released, but tripping should not begin before daylight unless prior approval is obtained from the AO.

The Gamma Ray and Induction Logs need to be pulled from TD to the Surface Shoe.

A cement bond log (CBL) will be run from the production casing shoe to ± 2259 ft. if the surface casing is set at ± 351 ft. or it will be run to **SURFACE** if the surface casing is set at ± 300 ft. and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.

Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (Form 3160-4) will be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3164. Two copies of all logs, core descriptions, core analyses, well-test data, geologic summaries, sample description, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed with Form 3160-4. Samples (cuttings, fluids, and/or gases) will be submitted when requested by the AO.

6. Notifications of Operations

No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in a suspended status without prior approval of the AO. If operations are to be suspended, prior approval of the AO will be obtained and notification given before resumption of operations.

The Vernal District Office shall be notified, during regular work hours (7:45 a.m.-4:30 p.m., Monday through Friday except holidays), at least 24 hours prior to spudding the well.

Operator shall report production data to MMS pursuant to 30 CFR 216.5 using form MMS/3160.

Immediate Report: Spills, blowouts, fires, leaks, accidents, or any other unusual occurrences shall be promptly reported in accordance with the requirements of NTL-3A or its revision.

If a replacement rig is contemplated for completion operations, a "Sundry Notice" (Form 3160-5) to that effect will be filed, for prior approval of the AO, and all conditions of this approved plan are applicable during all operations conducted with the replacement rig.

The date on which production is commenced or resumed will be construed for oil wells as the date on which liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which liquid hydrocarbons are first produced into a permanent storage facility, whichever first occurs; and, for gas wells as the date on which associated liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which gas is first measured through permanent metering facilities, whichever first occurs.

Should the well be successfully completed for production, the AO will be notified when the well is placed in a producing status. Such notification will be sent by telegram or other written communication, not later than five (5) days following the date on which the well is placed on production.

Gas produced from this well may not be vented or flared beyond an initial authorized test period of 30 days or 50 MMCF following its completion, whichever occurs first, without the prior written approval of the Authorized Officer. Should gas be vented or flared without

approval beyond the authorized test period, the operator may be directed to shut-in the well until the gas can be captured or approval to continue venting or flaring as uneconomic is granted and the operator shall be required to compensate the lessor for that portion of the gas vented or flared without approval which is determined to have been avoidably lost.

A schematic facilities diagram as required by 43 CFR 3162.7-5 (b.9. d.), and shall be submitted to the appropriate District Office within sixty (60) days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with 43 CFR 3162.7-5 (b. 4).

No well abandonment operations will be commenced without the prior approval of the AO. In the case of newly drilled dry holes or failures, and in emergency situations, oral approval will be obtained from the AO. A "Subsequent Report of Abandonment" Form 3160-5, will be filed with the AO within thirty (30) days following completion of the well for abandonment. This report will indicate where plugs were placed and the current status of surface restoration. Final abandonment will not be approved until the surface reclamation work required by the approved APD or approved abandonment notice has been completed to the satisfaction of the AO or his representative, or the appropriate Surface Managing Agency.

7. Other Information

All loading lines will be placed inside the berm surrounding the tank battery.

All off-lease storage, off-lease measurement, or commingling on-lease or off-lease will have prior written approval from the AO.

The oil and gas measurement facilities will be installed on the well location. The oil and gas meters will be calibrated in place prior to any deliveries. Tests for meter accuracy will be conducted following initial installation and at least quarterly thereafter. The AO will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports will be submitted to the Vernal District Office. All meter measurement facilities will conform with Onshore Oil & Gas Order No. 4 for liquid hydrocarbons and Onshore Oil & Gas Order No. 5 for natural gas measurement.

The use of materials under BLM jurisdiction will conform to 43 CFR 3610.2-3.

There will be no deviation from the proposed drilling and/or workover program without prior approval from the AO. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned will be identified in accordance with 43 CFR 3162.

"Sundry Notice and Report on Wells" (Form 3160-5) will be filed for approval for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.

Section 102(b)(3) of the Federal Oil and Gas Royalty Management Act of 1982, as implemented by the applicable provisions of the operating regulations at Title 43 CFR 3162.4-1(c), requires that "not later than the 5th business day after any well begins production on which royalty is due anywhere on a lease site or allocated to a lease site, or resumes production in the case of a well which has been off production for more than 90 days, the operator shall notify the authorized officer by letter or sundry notice, Form 3160-5, or orally to be followed by a letter or sundry notice, of the date on which such production has begun or resumed."

If you fail to comply with this requirement in the manner and time allowed, you shall be liable for a civil penalty of up to \$10,000 per violation for each day such violation continues, not to exceed a maximum of 20 days. See Section 109(c)(3) of the Federal Oil and Gas Royalty Management Act of 1982 and the implementing regulations at Title 43 CFR 3162.4-1(b)(5)(ii).

APD approval is valid for a period of one (1) year from the signature date. An extension period may be granted, if requested, prior to the expiration of the original approval period.

In the event after-hours approval or notification is necessary, please contact one of the following individuals:

Wayne Bankert (801) 789-4170
Petroleum Engineer

Ed Forsman (801) 789-7077
Petroleum Engineer

Jerry Kenczka (801) 789-1190
Petroleum Engineer

BLM FAX Machine (801) 781-4410

EPA'S LIST OF NONEXEMPT EXPLORATION AND PRODUCTION WASTES

While the following wastes are nonexempt, they are not necessarily hazardous.

- Unused fracturing fluids or acids
- Gas plant cooling tower cleaning wastes
- Painting wastes
- Oil and gas service company wastes, such as empty drums, drum rinsate, vacuum truck rinsate, sandblast media, painting wastes, spent solvents, spilled chemicals, and waste acids
- Vacuum truck and drum rinsate from trucks and drums, transporting or containing nonexempt waste
- Refinery wastes
- Liquid and solid wastes generated by crude oil and tank bottom reclaimers
- Used equipment lubrication oils
- Waste compressor oil, filters, and blowdown
- Used hydraulic fluids
- Waste solvents
- Waste in transportation pipeline-related pits
- Caustic or acid cleaners
- Boiler cleaning wastes
- Boiler refractory bricks
- Incinerator ash
- Laboratory wastes
- Sanitary wastes
- Pesticide wastes
- Radioactive tracer wastes
- Drums, insulation and miscellaneous solids.

CONDITION OF APPROVAL - SURFACE DISTURBING ACTIVITIES

Access roads and surface disturbing activities will conform to standards outlined in the Bureau of Land Management and Forest Service publication: Surface Operating Standards for Oil and Gas Exploration and Development, (1989).

CONDITION OF APPROVAL - VEHICLE TRAVEL

All vehicle travel will be confined to existing access road rights-of-way.

CONDITION OF APPROVAL - RESERVE PIT LINER

Byron Tolman of the BLM will be notified upon completion of pit excavation so an inspection can be made. A pit liner may be required if porous soils or fractured rock are encountered.

CONDITION OF APPROVAL - TOPSOIL HANDLING

Topsoil should be windrowed along the south side of the well pad instead of being piled as shown on the cut sheet.

CONDITION OF APPROVAL - MOUNTAIN PLOVERS & BURROWING OWLS

No surface disturbing activities, construction, or drilling operations including the initial completion activities are to occur on the well, access road, or location from March 15 through August 15. This restriction is to protect the nesting Mountain Plovers and Burrowing Owls located in the surrounding area. The restriction does not apply to maintenance and operation of existing wells and facilities. Waivers, exceptions, or modifications to this restriction may be specifically approved in writing by the authorized officer of the Bureau of Land Management if either the resource values change or the lessee/operator demonstrates that adverse impacts can be mitigated.

CONDITION OF APPROVAL- EROSION CONTROL

One erosion control dam will be built in the drainage SE of the location as staked.

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: INLAND

Well Name: TAR SANDS FEDERAL 8-31

Api No. 43-013-31615

Section 31 Township 8S Range 17E County DUCHESNE

Drilling Contractor

Rig #:

SPUDDED:

Date: 4/29/96

Time:

How: DRY HOLE

Drilling will commence:

Reported by: D. INGRAM-DOGM

Telephone #:

Date: 5/6/96 Signed: JLT

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

Inland Production Company

3. Address and Telephone No.

P.O. Box 1446 Roosevelt, Utah 84066 (801)722-5103

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

**SE/NE Sec. 31, T8S, R17E
660' FEL & 1980' FNL**

5. Lease Designation and Serial No.

U-74869

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Tar Sands Federal #8-31

9. API Well No.

43-013-31615

10. Field and Pool, or Exploratory Area

11. County or Parish, State

Duchesne, Utah

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other **Spud Notification**

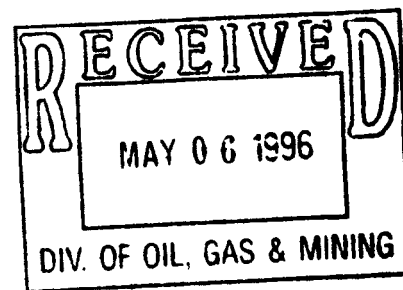
- ☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

**Drilled 12 1/4" hole w/Leon Ross Rathole Rig to 303'. Set 290.87'
24# J-55 ST&C csg. Cmt w/120 sx prem + w/2% CC + 2% gel w/ 1/4#/sk flocele.**

*Spudded 4/29/96
per Entity Action Form
dated 5/2/96
DTS*



14. I hereby certify that the foregoing is true and correct

Signed **Cheryl Cameron**

Title **Regulatory Compliance Specialist** Date **05/02/96**

(This space for Federal or State office use)

Approved by _____
Conditions of approval, if any:

Title _____ Date _____

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See Instruction on Reverse Side

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
ENTITY ACTION FORM - FORM 6

OPERATOR Inland Production Company
ADDRESS P.O. Box 1446
Roosevelt, Utah 84066

OPERATOR ACCT. NO. N 5160

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION				COUNTY	EFFECTIVE DATE
					QQ	SC	TP	RG		
A	99999	11913	43-013-31615	Tar Sands Federal #8-31	SENE	31	8S	17E	Duchesne	4/29/96
WELL 1 COMMENTS: Entity added 5-6-96. LC										
WELL 2 COMMENTS:										
WELL 3 COMMENTS:										
WELL 4 COMMENTS:										
WELL 5 COMMENTS:										

ACTION CODES (See instructions on back of form)

- A - Establish new entity for new well (single well) only
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.

(3/90)

Cheryl Cameron
Signature: Cheryl Cameron
Regulatory Compliance Specialist Date: 5/2/96
Phone No. (801) 722-5103

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other	5. Lease Designation and Serial No. U-74869
2. Name of Operator Inland Production Company	6. If Indian, Allottee or Tribe Name
3. Address and Telephone No. P.O. Box 1446 Roosevelt, UT 84066 (801) 722-5103	7. If Unit or CA, Agreement Designation
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) SE/NE 660' FEL & 1980' FNL Sec. 31, T8S, R17E	8. Well Name and No. Tar Sands Federal #8-31
	9. API Well No. 43-013-31615
	10. Field and Pool, or Exploratory Area
	11. County or Parish, State Duchesne County, Utah

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment	<input type="checkbox"/> Change of Plans
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Conversion to Injection
	<input checked="" type="checkbox"/> Other <u>Weekly Status</u>	<input type="checkbox"/> Dispose Water
		(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

WEEKLY STATUS REPORT FOR WEEK OF 5/11/96 - 5/16/96:

Drilled 7 7/8" hole from 303' - 6200' w/ Kenting Apollo, Rig #56.
Set 6201.40' KB of 5 1/2" J-55 15.5# LT&C csg. Cmt w/ 280 sx Hifill &
340 sx Thixo w/ 10% CalSeal.

14. I hereby certify that the foregoing is true and correct

Signed Cheryl I. Cameron

Title Regulatory Compliance Specialist Date 5/20/96

(This space for Federal or State office use)

Approved by _____
Conditions of approval, if any:

Title _____

Date _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

5. Lease Designation and Serial No.

U-74869

6. If Indian, Allottee or Tribe Name

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Tar Sands Federal #8-31

9. API Well No.

43-013-31615

10. Field and Pool, or Exploratory Area

11. County or Parish, State

Duchesne County, Utah

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

Inland Production Company

3. Address and Telephone No.

P.O. Box 1446 Roosevelt, Utah 84066 (801)722-5103

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

**SE/NE 660' FEL & 1980' FNL
Sec. 31, T8S, R17E**

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other **Weekly Status**

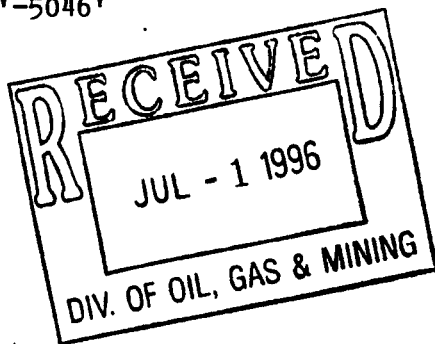
- ☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

WEEKLY STATUS REPORT FOR WEEK OF 6/18/96 - 6/22/96:

Perf A sd @ 5294'-5298', 5340'-5343', 5346'-5348', 5350'-5352', 5359'-5364',
5373'-5379', 5421'-5423', 5434'-5437', 5445'-5446', 5458'-5474'
Perf B sd @ 5185'-5188' & 5151'-5156'
Perf C sd @ 5042'-5046'



14. I hereby certify that the foregoing is true and correct

Signed

Cheryl Cameron

Title **Regulatory Compliance Specialist** Date **6/26/96**

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See Instruction on Reverse Side

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
ENTITY ACTION FORM - FORM 6

OPERATOR Inland Production Company
ADDRESS P.O. Box 1446
Roosevelt, Utah 84066

OPERATOR ACCT. NO. N 5160

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
A	99999	11913	43-013-31615	Tar Sands Federal #8-31	SENE	31	8S	17E	Duchesne	4/29/96	4/29/96
WELL 1 COMMENTS: <i>Prev. added 5-6-96. Lec</i>											
A	99999	11935	43-013-31625	Boundary Federal #13-19	SWSW	19	8S	17E	Duchesne	5/6/96	5/6/96
WELL 2 COMMENTS: <i>Entity added 6-17-96. Lec</i>											
WELL 3 COMMENTS:											
WELL 4 COMMENTS:											
WELL 5 COMMENTS:											

- ACTION CODES (See instructions on back of form)
- A - Establish new entity for new well (single well only)
 - C - Add new well to existing entity (group or unit well)
 - C - Re-assign well from one existing entity to another existing entity
 - D - Re-assign well from one existing entity to a new entity
 - E - Other (explain in comments section)

NOTE: Use COMMENTS section to explain why each Action Code was selected.

13/501

Cheryl Cameron
Signature: Cheryl Cameron
Regulatory Compliance 5/2/96
Title: Specialist Date
Phone No. 801 722-5103

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

5. Lease Designation and Serial No.

U-74869

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

Inland Production Company

3. Address and Telephone No.

P.O. Box 1446 Roosevelt, Utah 84066 (801)722-5103

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

**SE/NE 660' FEL & 1980' FNL
Sec. 31, T8S, R17E**

8. Well Name and No.

Tar Sands Federal #8-31

9. API Well No.

43-013-31615

10. Field and Pool, or Exploratory Area

11. County or Parish, State

Duchesne County, Utah

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other **Weekly Status**

☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

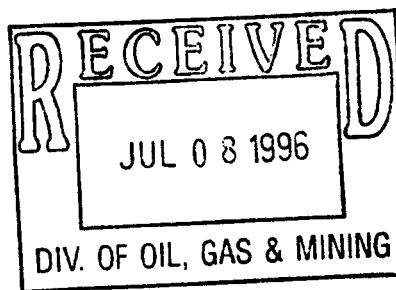
(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

WEEKLY STATUS REPORT FOR WEEK OF 6/22/96 - 6/25/96:

RIH w/ production string

ON PRODUCTION 6/25/96



14. I hereby certify that the foregoing is true and correct

Signed **Cheryl Cameron** Title **Regulatory Compliance Specialist** Date **7/2/96**

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____
Conditions of approval, if any:

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

FORM APPROVED
OMB NO. 1004-0137
Expires: February 28, 1995

5. LEASE DESIGNATION AND SERIAL NO.
U-74869

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO.
Tar Sands Federal #8-31

9. API WELL NO.
43-013-31615

10. FIELD AND POOL, OR WILDCAT
Monument Butte

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
Sec. 31, T8S, R17E

12. COUNTY OR PARISH
Duchesne

13. STATE
Utah

19. ELEV. CASINGHEAD

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other ☐
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. REVR ☐ Other ☐

2. NAME OF OPERATOR
Inland Production Company

3. ADDRESS AND TELEPHONE NO.
P.O. Box 1446 Roosevelt, UT 84066 (801) 722-5103

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface SE/NE
At top prod. interval reported below 660' FEL & 1980' FNL
At total depth

14. PERMIT NO.
UT-080-6M-068

DATE ISSUED
3/28/96

15. DATE SPUDDED
4/29/96

16. DATE T.D. REACHED
5/16/96

17. DATE COMPL. (Ready to prod.)
6/25/96

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*
5296.4' GR

20. TOTAL DEPTH, MD & TVD
6200'

21. PLUG BACK T.D., MD & TVD
6145'

22. IF MULTIPLE COMPLET. HOW MANY*
→

23. INTERVALS DRILLED BY
ROTARY TOOLS ☒ CABLE TOOLS ☐

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* Green River
5294'-5298'; 5340'-5343'; 5346'-5348'; 5350'-5352'; 5359'-5364'; 5373'-5379'; 5421'-5423'; 5434'-5437'; 5445'-5446'; 5458'-5474'; 5185'-5188'; 5151'-5156'; 5042'-5046'

25. WAS DIRECTIONAL SURVEY MADE
No

26. TYPE ELECTRIC AND OTHER LOGS RUN
CBL, CNL, DLL 7-25-96

27. WAS WELL CORED
No

28. CASING RECORD (Report all strings set in well)

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
8 5/8	24#	288.87'	12 1/4	120 sx prem+2% CC+2% Gel w/ 1#/sk flocele	
5 1/2	15.5#	6201.4' KB	7 7/8	280 sx Hifill mixed	
				340 sx Thixo w/ 10% Calseal mixed	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)

31. PERFORATION RECORD (Interval, size and number)

A sd 5294'-5298', 5340'-5343', 5346'-5348', 5350'-5352', 5359'-5364', 5373'-5379', 5421'-5423', 5434'-5437', 5445'-5446', 5458'-5474',
B sd 5185'-5188' & C sd 5042'-5046'

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
See Back	

33. PRODUCTION

DATE FIRST PRODUCTION 6/26/96		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) PUmping - 2½" X 1½" X 12' X 15' RHAC pump				WELL STATUS (Producing or shut-in) Producing	
DATE OF TEST 14 day Avg	HOURS TESTED 7/96	CHOKE SIZE N/A	PROD'N. FOR TEST PERIOD →	OIL—BBL. 262	GAS—MCF. 165	WATER—BBL. 3	GAS-OIL RATIO .630
FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE →	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)
Sold & Used for Fuel

TEST WITNESSED BY

35. LIST OF ATTACHMENTS
Logs listed in Item #26

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED Cheryl Cameron TITLE Regulatory Compliance Specialist DATE 7/19/96

*(See Instructions and Spaces for Additional Data on Reverse Side)

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):

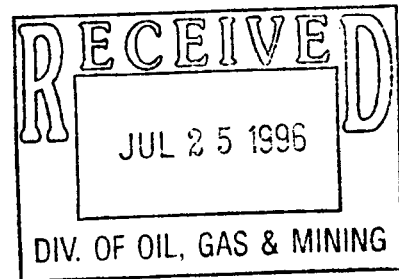
38. GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
Garden Gulch Mkr	4202'		#32.			
Point 3 Mkr	4468'					
X Mkr	4702'		Perf A sd 5294'-5298', 5340'-5343'			
Y Mkr	4738'		5346'-5348', 5350'-5352'			
Douglas Ck Mkr	4873'		5359'-5364', 5373'-5379'			
Bicarbonate Mkr	5091'		5421'-5423', 5434'-5437'			
B Limestone Mkr	5211'		5445'-5446', 5458'-5474'			
Castle Peak	5726'		Frac w/ 161,500# 20/40 sd in 727 bbls gel			
			Perf B sd 5185'-5188' & 5151' - 5156'			
			C sd 5042'-5056'			
			Frac w/ 94,700# 20/40 sd in 510 bbls gel			



July 22, 1996

Bureau of Land Management
Vernal District Office
170 South 500 East
Vernal, Utah 84078



ATTENTION: Ed Forsman

RE: Tar Sands Federal #4-30
NW/NW Sec. 30, T8S, R17E

Tar Sands Federal #8-31
SE/NE Sec. 31, T8S, R17E

Monument Butte Federal #6-1
SE/NW Sec. 1, T9S, R16E

Dear Ed,

Enclosed are the original and two copies (each) of the Well Completion or Recompletion Report and Log, on the above referenced locations. Included are the CBL, CNL and the DLL for the Tar Sands wells and the CBL for the Monument Butte well. The CNL and DLL for the 6-1 have been submitted; see enclosed letter copy dated June 25, 1995. Copies will also be submitted to the State of Utah.

If additional information is needed, please contact me or Cheryl, at (801) 722-5103, in the Roosevelt office.

Sincerely,

Cori Brown
Secretary

cc: Attn: Frank Matthews
State of Utah
Division of Oil, Gas & Mining
P.O. Box 145801
Salt Lake City, Utah 84114-5801

/cb
Enclosures



State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor

Ted Stewart
Executive Director

James W. Carter
Division Director

1594 West North Temple, Suite 1210

Box 145801

Salt Lake City, Utah 84114-5801

801-538-5340

801-359-3940 (Fax)

801-538-7223 (TDD)

FACSIMILE COVER SHEET

DATE: 01-09-98

NUMBER OF PAGES INCLUDING THIS COVER SHEET: 4

TO: KEBBIE JONES
INLAND PRODUCTION COMPANY

FAX NUMBER: (801) 722-9149

FROM: LISHA CORDOVA
DIVISION OF OIL GAS AND MINING

PHONE: (801) 538-5340

FAX: (801) 359-3940

SUBJECT: PLEASE REVIEW ENTITY ASSIGNMENTS FOR THE UNITS LISTED BELOW:
ASHLEY, BOUNDARY, SAND WASH (GREEN RIVER) *PLATS ATTACHED

REMARKS: IF YOU WOULD LIKE A "COMMON" ENTITY NUMBER ASSIGNED FOR
REPORTING PURPOSES, PLEASE LET ME KNOW ASAP! ANY QUESTIONS, PLEASE
CALL ME AT 538-5296. THANK YOU!

Should you encounter any problems with this copy, or do not receive all the pages, please call

Important: This message is intended for the use of the individual or entity to which it is addressed and may contain information that is privileged, confidential and exempt from disclosure under applicable law. If the reader of this message is not the intended recipient, you are hereby notified that any dissemination, distribution, or copying of this communication is strictly prohibited. If you have received this communication in error, please notify us immediately by telephone and return this original message to us at the above address via regular postal service. Thank you.

ENTITY ACTION FORM - FORM 6

OPERATOR INLAND PRODUCTION COMPANY

OPERATOR ACCT. NO. N 5160

ADDRESS _____

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
D		12308									
WELL 1 COMMENTS: *SAND WASH (GREEN RIVER) UNIT EFF 12-01-97; ALL WELLS LISTED SHOULD BE GROUPED TOGETHER UNDER A COMMON ENTITY NUMBER AS PER OPERATOR REQUEST EFF 12-1-97. (SEE ATTACHED)											
WELL 2 COMMENTS:											
WELL 3 COMMENTS:											
WELL 4 COMMENTS:											
WELL 5 COMMENTS:											

ACTION CODES (See instructions on back of form)

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.

(3/89)

L. CORDOVA (DOGM)

Signature

ADMIN. ANALYST

3-11-98

Title

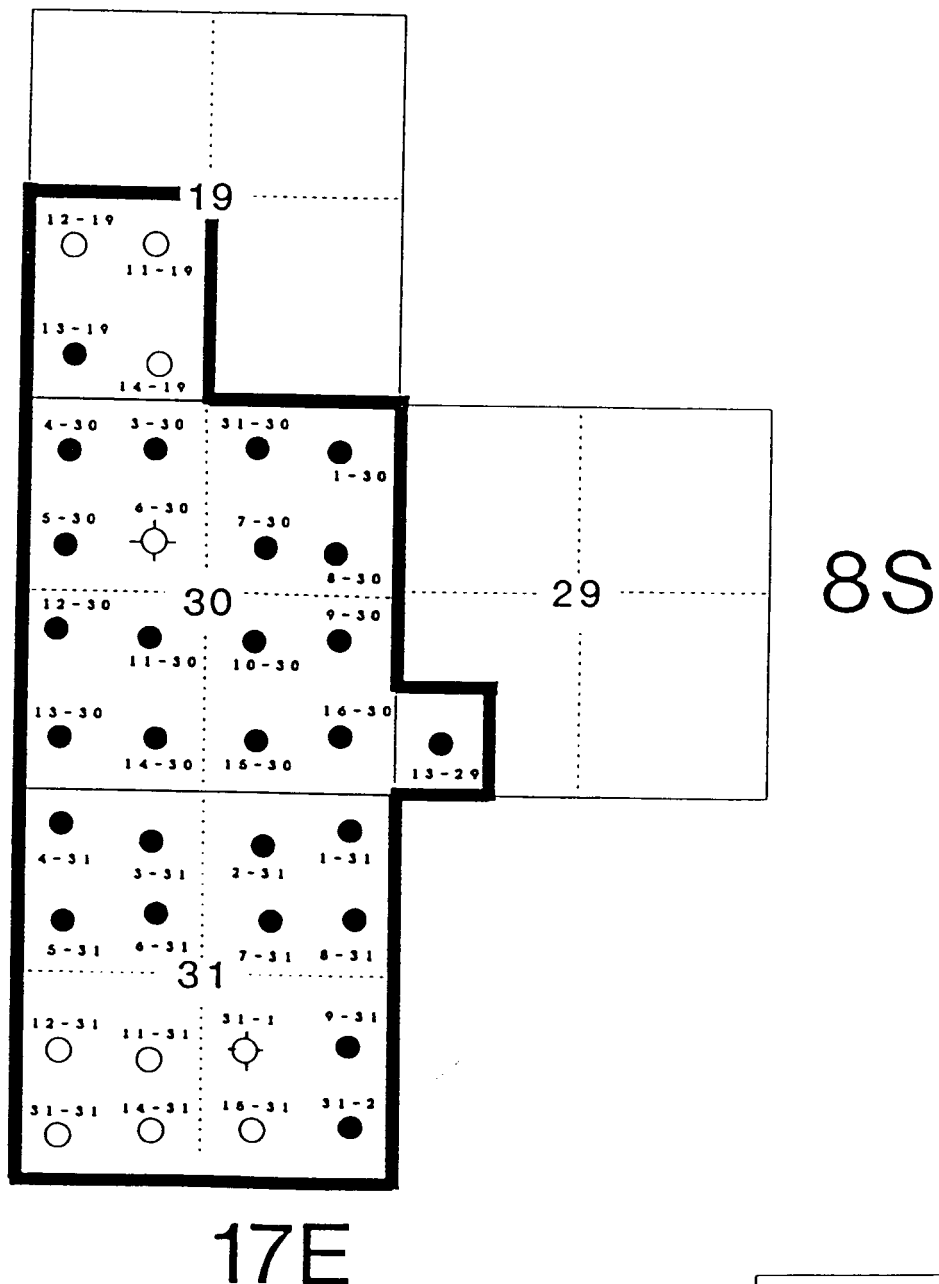
Date

Phone No. ()

SAND WASH (GREEN RIVER) UNIT

Duchesne County, Utah

EFFECTIVE: DECEMBER 1, 1997



— UNIT OUTLINE (UTU76788X)
1,44' 06 ACRES

SECONDARY ALLOCATION	
FEDERAL	96.94%
FEE	3.06%

INLAND PRODUCTION COMPANY SANDWASH UNIT

AS OF 3/10/98

SANDWASH UNIT	WELL NAME & # W/ RANGE & TOWNSHIP	API NUMBER	
	TAR SANDS #13-29-8-17	43-013-31925	12218
	TAR SANDS #1-30-8-17	43-013-31898	12251
Wildrose Resources	HARBOUR TOWN #31-30-8-17 (2-30)	43-013-31758	12097
	TAR SANDS #3-30-8-17	43-013-31755	12045
	TAR SANDS #4-30-8-17	43-013-31621	11916
	TAR SANDS #5-30-8-17	43-013-31620	11958
	TAR SANDS #7-30-8-17	43-013-31807	12131
	TAR SANDS #8-30-8-17	43-013-31870	12141
	TAR SANDS #9-30-8-17	43-013-31873	12177
	TAR SANDS #10-30-8-17	43-013-31808	12126
	TAR SANDS #11-30-8-17	43-013-31732	12041
	TAR SANDS #12-30-8-17	43-013-31543	11945
	TAR SANDS #13-30-8-17	43-013-31637	11940
	TAR SANDS #15-30-8-17	43-013-31874	12164
	TAR SANDS #16-30-8-17	43-013-31708	12070
	TAR SANDS #1-31-8-17	43-013-31654	12012
	TAR SANDS #2-31-8-17	43-013-31866	12142
	TAR SANDS #3-31-8-17	43-013-31733	12162
	TAR SANDS #4-31-8-17	43-013-31606	11953
	TAR SANDS #5-31-8-17	43-013-31607	12140
	TAR SANDS #6-31-8-17	43-013-31686	12163
	TAR SANDS #7-31-8-17	43-013-31684	12149
	TAR SANDS #8-31-8-17	43-013-31615	11913
	TAR SANDS #9-31-8-17	43-013-31616	12220
Wildrose Resources	GOVT #31-2-8-17 (16-31)	43-013-20082	06300

To: Lisa
From: Sebile

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.
Use "APPLICATION FOR PERMIT -" for such proposals

5. Lease Designation and Serial No.

U-74869

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

SAND WASH (GR RVR)

8. Well Name and No.

TAR SANDS FEDERAL 8-31

9. API Well No.

43-013-31615

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

DUCHESNE COUNTY, UTAH

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil
Well

☐ Gas
Well

☐ Other

2. Name of Operator

INLAND PRODUCTION COMPANY

3. Address and Telephone No.

475 17TH STREET, SUITE 1500, DENVER, COLORADO 80202 (303) 292-0900

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)

1980 FNL 0660 FEL SE/NE Section 31, T08S R17E

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☐ Notice of Intent

☒ Subsequent Report

☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment

☐ Recompletion

☐ Plugging Back

☐ Casing Repair

☐ Altering Casing

☒ Other Site Security

☐ Change of Plans

☐ New Construction

☐ Non-Routine Fracturing

☐ Water Shut-Off

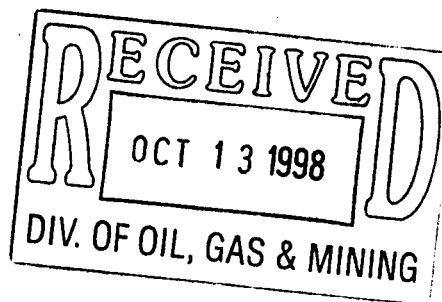
☐ Conversion to Injection

☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Attached please find the site security diagram for the above referenced well.



14. I hereby certify that the foregoing is true and correct

Signed

Lillian E. Knight

Title

Manager, Regulatory Compliance

Date

10/8/98

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

CC: UTAH DOGM

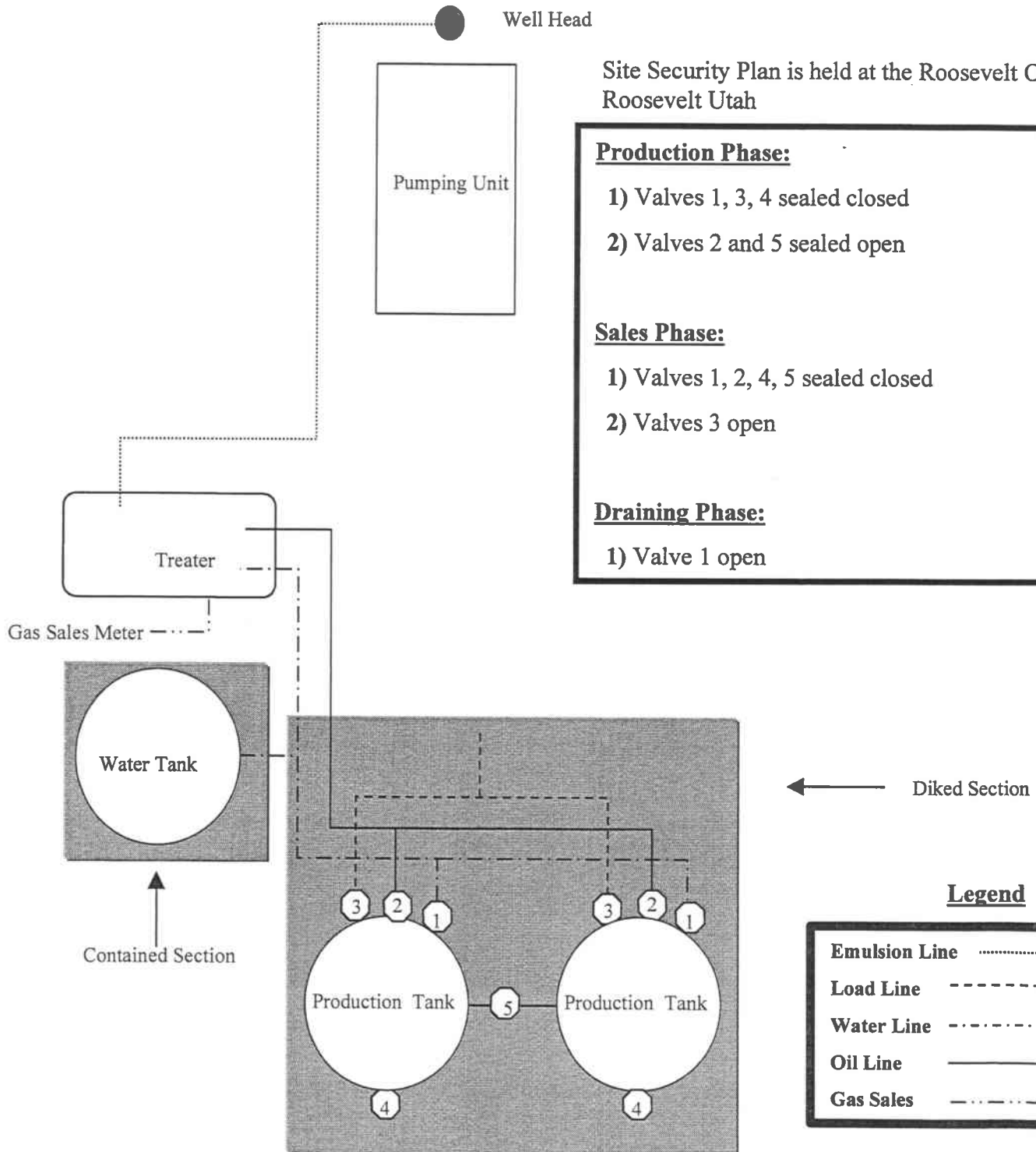
Inland Production Company Site Facility Diagram

Tar Sands 8-31

SE/NE Sec. 31, T8S, 17E

Duchesne County

May 12, 1998



Site Security Plan is held at the Roosevelt Office,
Roosevelt Utah

Production Phase:

- 1) Valves 1, 3, 4 sealed closed
- 2) Valves 2 and 5 sealed open

Sales Phase:

- 1) Valves 1, 2, 4, 5 sealed closed
- 2) Valves 3 open

Draining Phase:

- 1) Valve 1 open

Legend

Emulsion Line
Load Line	-----
Water Line	- . - . - .
Oil Line	—————
Gas Sales	— · — · — · — · —

(Jun ay

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED

Budget Bureau No. 1004-0135

Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.
Use "APPLICATION FOR PERMIT -" for such proposals

5. Lease Designation and Serial No.

U-74869

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

SAND WASH (GR RVR)

8. Well Name and No.

TAR SANDS FED 8-31

9. API Well No.

43-013-31615

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

DUCHESNE COUNTY, UT**SUBMIT IN TRIPLICATE**

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

INLAND PRODUCTION COMPANY

3. Address and Telephone No.

Rt. 3 Box 3630, Myton Utah, 84052 435-646-3721

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)

1980 FNL 0660 FEL SE/NE Section 31, T8S R17E12. **CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA****TYPE OF SUBMISSION**

☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment
☒ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

Weekly status report

(Note: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Subject well had re-completion procedures initiated in the Green River formation on 4/14/03. Existing production equipment was pulled from well. A bit and scraper was run in well. Three new Green River intervals were perforated and hydraulically fracture treated as follows. Stage #1: B sands (6112'-6121') & (6098'-6106'), CP4 sands (5940'-5950'), CP3 sands (5892'-5895'), CP 2 sands (5835'-5844'), CP1 sands (5775'-5792') & (5758'-5760'), D2 sands (4942'-4949'), D1 sands (4890'-4894') were perforated, all 4 JSPF. B & CP sands were hydraulically fracture treated down 2 7/8 N-80 tubing W/ 120,678# 20/40 sand in 608 bbls Viking 1-25 fluid. Stage #2: D1 and D2 sands were hydraulically fracture treated down 5 1/2" 15.5# casing W/ 40,274# 20/40 sand in 114 bbls Viking 1-25 fluid. Stage #3: PB-10 sands (4614'-4632') were perforated and hydraulically fracture treated down 5 1/2" 15.5# casing w/ 44,792# 20/40 sand in 203 bbls Viking 1-25 fluid. Fracs were flowed back through chokes. Sand was cleaned from wellbore. New intervals were swab tested for sand cleanup. BHA & production tubing were run and anchored in well w/ tubing anchor @ 5976', pump seating nipple @ 6011', and end of tubing string @ 6044'. A repaired 1 1/2" bore rod pump was run in well on sucker rods. Well returned to production on 4/24/03.

14. I hereby certify that the foregoing is true and correct

Signed

Matthew Richmond
Matthew Richmond

Title

Production Clerk

Date

4/30/2003

CC: UTAH DOGM

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

RECEIVED**MAY 01 2003**

DIVISION OF LAND MANAGEMENT



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office

P.O. Box 45155

Salt Lake City, UT 84145-0155

<http://www.blm.gov>



IN REPLY REFER TO:

3106

(UT-924)

September 16, 2004

Memorandum

To: Vernal Field Office

From: Acting Chief, Branch of Fluid Minerals

Subject: Merger Approval

Attached is an approved copy of the name change recognized by the Utah State Office. We have updated our records to reflect the merger from Inland Production Company into Newfield Production Company on September 2, 2004.

Michael Coulthard
Acting Chief, Branch of
Fluid Minerals

Enclosure

1. State of Texas Certificate of Registration

cc: MMS, Reference Data Branch, James Sykes, PO Box 25165, Denver CO 80225
State of Utah, DOGM, Attn: Earlene Russell, PO Box 145801, SLC UT 84114
Teresa Thompson
Joe Incardine
Connie Seare



Office of the Secretary of State

The undersigned, as Secretary of State of Texas, does hereby certify that the attached is a true and correct copy of each document on file in this office as described below:

Newfield Production Company
Filing Number: 41530400

Articles of Amendment

September 02, 2004

In testimony whereof, I have hereunto signed my name officially and caused to be impressed hereon the Seal of State at my office in Austin, Texas on September 10, 2004.



A handwritten signature in black ink, appearing to read "G. Connor".

Secretary of State

ARTICLES OF AMENDMENT
TO THE
ARTICLES OF INCORPORATION
OF
INLAND PRODUCTION COMPANY

FILED
In the Office of the
Secretary of State of Texas
SEP 02 2004
Corporations Section

Pursuant to the provisions of Article 4.04 of the Texas Business Corporation Act (the "TBCA"), the undersigned corporation adopts the following articles of amendment to the articles of incorporation:

ARTICLE 1 – Name

The name of the corporation is Inland Production Company.

ARTICLE 2 – Amended Name

The following amendment to the Articles of Incorporation was approved by the Board of Directors and adopted by the shareholders of the corporation on August 27, 2004.

The amendment alters or changes Article One of the Articles of Incorporation to change the name of the corporation so that, as amended, Article One shall read in its entirety as follows:

"ARTICLE ONE – The name of the corporation is Newfield Production Company."

ARTICLE 3 – Effective Date of Filing

This document will become effective upon filing.

The holder of all of the shares outstanding and entitled to vote on said amendment has signed a consent in writing pursuant to Article 9.10 of the TBCA, adopting said amendment, and any written notice required has been given.

IN WITNESS WHEREOF, the undersigned corporation has executed these Articles of Amendment as of the 1st day of September, 2004.

INLAND RESOURCES INC.

By: Susan G. Riggs
Susan G. Riggs, Treasurer

UTSL-	15855	61052	73088	76561	
071572A	16535	62848	73089	76787	
065914	16539	63073B	73520A	76808	
	16544	63073D	74108	76813	
	17036	63073E	74805	76954	63073X
	17424	63073O	74806	76956	63098A
	18048	64917	74807	77233	68528A
UTU-	18399	64379	74808	77234	72086A
	19267	64380	74389	77235	72613A
02458	26026A	64381	74390	77337	73520X
03563	30096	64805	74391	77338	74477X
03563A	30103	64806	74392	77339	75023X
04493	31260	64917	74393	77357	76189X
05843	33992	65207	74398	77359	76331X
07978	34173	65210	74399	77365	76788X
09803	34346	65635	74400	77369	77098X
017439B	36442	65967	74404	77370	77107X
017985	36846	65969	74405	77546	77236X
017991	38411	65970	74406	77553	77376X
017992	38428	66184	74411	77554	78560X
018073	38429	66185	74805	78022	79485X
019222	38431	66191	74806	79013	79641X
020252	39713	67168	74826	79014	80207X
020252A	39714	67170	74827	79015	81307X
020254	40026	67208	74835	79016	
020255	40652	67549	74868	79017	
020309D	40894	67586	74869	79831	
022684A	41377	67845	74870	79832	
027345	44210	68105	74872	79833	
034217A	44426	68548	74970	79831	
035521	44430	68618	75036	79834	
035521A	45431	69060	75037	80450	
038797	47171	69061	75038	80915	
058149	49092	69744	75039	81000	
063597A	49430	70821	75075		
075174	49950	72103	75078		
096547	50376	72104	75089		
096550	50385	72105	75090		
	50376	72106	75234		
	50750	72107	75238		
10760	51081	72108	76239		
11385	52013	73086	76240		
13905	52018	73087	76241		
15392	58546	73807	76560		

OPERATOR CHANGE WORKSHEET**ROUTING**

1. GLH

2. CDW

3. FILE

Change of Operator (Well Sold)

Designation of Agent/Operator

X Operator Name Change**Merger**

The operator of the well(s) listed below has changed, effective:

9/1/2004**FROM: (Old Operator):**

N5160-Inland Production Company

Route 3 Box 3630

Myton, UT 84052

Phone: 1-(435) 646-3721

TO: (New Operator):

N2695-Newfield Production Company

Route 3 Box 3630

Myton, UT 84052

Phone: 1-(435) 646-3721

CA No.**Unit:****SAND WASH (GREEN RIVER)****WELL(S)**

NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
BOUNDARY FED 13-19-8-17	19	080S	170E	4301331625	12308	Federal	WI	A
TAR SANDS FED 12-30	30	080S	170E	4301331543	12308	Federal	OW	P
TAR SANDS FED 5-30	30	080S	170E	4301331620	12308	Federal	WI	A
TAR SANDS FED 4-30	30	080S	170E	4301331621	12308	Federal	OW	P
TAR SANDS FED 13-30	30	080S	170E	4301331637	12308	Federal	WI	A
TAR SANDS FED 16-30	30	080S	170E	4301331708	12308	Federal	OW	P
TAR SANDS FED 14-30	30	080S	170E	4301331711	12308	Federal	OW	P
TAR SANDS 6-30-8-17	30	080S	170E	4301331712	12308	Federal	OW	P
TAR SANDS FED 11-30	30	080S	170E	4301331732	12308	Federal	WI	A
TAR SANDS FED 3-30	30	080S	170E	4301331755	12308	Federal	WI	A
HARBOUR TOWN FED 31-30	30	080S	170E	4301331758	12308	Federal	OW	P
TAR SANDS FED 7-30	30	080S	170E	4301331807	12308	Federal	WI	A
TAR SANDS FED 10-30	30	080S	170E	4301331808	12308	Federal	OW	P
GOVERNMENT 31-2	31	080S	170E	4301320082	12308	Federal	OW	P
TAR SANDS FED 4-31	31	080S	170E	4301331606	12308	Federal	OW	P
TAR SANDS FED 5-31	31	080S	170E	4301331607	12308	Federal	WI	A
TAR SANDS FED 8-31	31	080S	170E	4301331615	12308	Federal	OW	P
TAR SANDS FED 9-31	31	080S	170E	4301331616	12308	Federal	OW	P
TAR SANDS FED 1-31	31	080S	170E	4301331654	12308	Federal	WI	A
TAR SANDS FED 7-31	31	080S	170E	4301331684	12308	Federal	WI	A
TAR SANDS FED 6-31	31	080S	170E	4301331686	12308	Federal	OW	P
TAR SANDS FED 3-31	31	080S	170E	4301331733	12308	Federal	WI	A

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 9/15/20042. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 9/15/20043. The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 2/23/20054. Is the new operator registered in the State of Utah: YES Business Number: 755627-01435. If **NO**, the operator was contacted on:

- 6a. (R649-9-2) Waste Management Plan has been received on: IN PLACE
- 6b. Inspections of LA PA state/fee well sites complete on: waived

7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM BIA

8. **Federal and Indian Units:**

The BLM or BIA has approved the successor of unit operator for wells listed on: n/a

9. **Federal and Indian Communization Agreements ("CA"):**

The BLM or BIA has approved the operator for all wells listed within a CA on: na/

10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, Transfer of Authority to Inject, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: 2/23/2005

DATA ENTRY:

1. Changes entered in the Oil and Gas Database on: 2/28/2005
2. Changes have been entered on the Monthly Operator Change Spread Sheet on: 2/28/2005
3. Bond information entered in RBDMS on: 2/28/2005
4. Fee/State wells attached to bond in RBDMS on: 2/28/2005
5. Injection Projects to new operator in RBDMS on: 2/28/2005
6. Receipt of Acceptance of Drilling Procedures for APD/New on: waived

FEDERAL WELL(S) BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: UT 0056

INDIAN WELL(S) BOND VERIFICATION:

1. Indian well(s) covered by Bond Number: 61BSBDH2912

FEE & STATE WELL(S) BOND VERIFICATION:

1. (R649-3-1) The NEW operator of any fee well(s) listed covered by Bond Number 61BSBDH2919
2. The FORMER operator has requested a release of liability from their bond on: n/a*
The Division sent response by letter on: n/a

LEASE INTEREST OWNER NOTIFICATION:

3. (R649-2-10) The FORMER operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

COMMENTS:

*Bond rider changed operator name from Inland Production Company to Newfield Production Company - received 2/23/05

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an
abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

SUBMIT IN TRIPLICATE - Other Instructions on page 2

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

NEWFIELD PRODUCTION COMPANY

3a. Address Route 3 Box 3630

Myton, UT 84052

3b. Phone (include area code)

435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1980 FNL 660 FEL

SENE Section 31 T8S R17E

5. Lease Serial No.

USA UTU-74869

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or

GMBU

8. Well Name and No.

TAR SANDS FED 8-31

9. API Well No.

4301331615

10. Field and Pool, or Exploratory Area

GREATER MB UNIT

11. County or Parish, State

DUCHESNE, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input checked="" type="checkbox"/> Convert to Injector	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: (Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Newfield Production proposes to convert the above mentioned well from a producing oil well to an injection well.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY

I hereby certify that the foregoing is true and
correct (Printed/ Typed)

Eric Sundberg

Signature

Title

Regulatory Analyst

Date

04/27/2010

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Conditions of approval, if any, are attached. Approval of this notice does not warrant or
certify that the applicant holds legal or equitable title to those rights in the subject lease
which would entitle the applicant to conduct operations thereon.

Title

Office

Date

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United
States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on page 2)

RECEIVED

MAY 18 2010

DIV. OF OIL, GAS & MINING



**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 8**

**1595 Wynkoop Street
DENVER, CO 80202-1129
Phone 800-227-8917
<http://www.epa.gov/region08>**

JUN 09 2010

Ref: 8P-W-GW

**CERTIFIED MAIL
RETURN RECEIPT REQUESTED**

Mr. Eric Sundberg
Regulatory Analyst
Newfield Production Company
1001 Seventeenth Street – Suite 2000
Denver, CO 80202

**Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY**

RE: Underground Injection Control (UIC)
Additional Well to Sand Wash Area Permit
EPA UIC Permit UT20847-08794
Well: Tar Sands Federal 8-31-8-17
SENE Sec. 31 T8S-R17E
Duchesne County, Utah
API No.: 43-013-31615

Dear Mr. Sundberg:

The Environmental Protection Agency Region 8 (EPA) hereby authorizes Newfield Production Company (Newfield) to convert the oil well Tar Sands Federal 8-31-8-17 to an enhanced recovery injection well according to the terms and conditions of the enclosed Authorization for Additional Well. The addition of this injection well, within the exterior boundary of the Uintah & Ouray Indian Reservation, is being made under the authority of 40 CFR §144.33 (c) and terms of the Sand Wash Area Permit UT20847-00000 and subsequent modifications.

Please be aware that Newfield does not have authorization to begin well injection until all Prior to Commencing Injection requirements are met and written authorization to inject is given by the Director. Prior to receiving authorization to inject, Newfield must submit for review and approval (1) the results of a Part I (internal) Mechanical Integrity test, (2) a pore pressure calculation of the injection interval, and (3) a completed EPA Form No. 7520-12 (Well Rework Record) with a new schematic diagram.

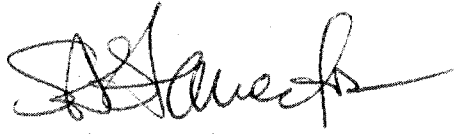
RECEIVED

JUN 17 2010

DIV. OF OIL, GAS & MINING

If you have any questions, please call Tom Aalto at (303) 312-6949 or 1-(800)-227-8917 (Ext. 312-6949). Please submit the required data to Jason Deardorff at the letterhead address citing mail code 8P-W-GW.

Sincerely,



Stephen S. Tuber
Assistant Regional Administrator
Office of Partnerships and Regulatory Assistance

FOR RECORD ONLY
OCT 28 2003
10:00 AM

Enclosures: Authorization for Additional Well
EPA-Annotated Wellbore and P&A Diagrams

cc Letter Only:

Uintah & Ouray Business Committee:
Curtis Cesspooch, Chairman
Ronald Groves, Councilman
Irene Cuch, Vice-Chairwoman
Phillip Chimburas, Councilman
Frances Poowegup, Councilwoman

Daniel Picard
BIA - Uintah & Ouray Indian Agency

cc All Enclosures:

Ferron Secakuku
Director, Natural Resources
Ute Indian Tribe

Larry Love
Director of Energy & Minerals Dept.
Ute Indian Tribe

Gil Hunt
Associate Director
Utah Division of Oil, Gas, and Mining

Fluid Minerals Engineering Office
BLM - Vernal Office

Michael Guinn
District Manager
Newfield Production Company
Myton, Utah



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 8
1595 WYNKOOP STREET
DENVER, CO 80202-1129
Phone 800-227-8917
<http://www.epa.gov/region08>

AUTHORIZATION FOR ADDITIONAL WELL

UIC Area Permit UT20847-00000

The Sand Wash Final Underground Injection Control (UIC) Area Permit UT20847-00000, effective May 26, 1998, authorizes injection for the purpose of enhanced oil recovery in the Sand Wash Unit. On April 27, 2010, Newfield Production Company notified the Director concerning the following additional enhanced recovery injection well:

Well Name:	Tar Sands Federal 8-31-8-17
EPA Permit ID Number:	UT20847-08794
Location:	1980' FNL & 660' FEL SENE Sec. 31 T8S-R17E Duchesne County, Utah API #43-013-31615

Pursuant to 40 CFR §144.33, Area UIC Permit UT20847-00000 authorizes the permittee to construct and operate, convert, or plug and abandon additional enhanced recovery injection wells within the area permit. This well was determined to satisfy additional well criteria required by the permit.

This well is subject to all provisions of UIC Area Permit UT20847-00000, as modified and as specified in the Injection Well-Specific Requirements detailed below. This Authorization shall expire one year after the Effective Date unless the permittee has converted the well to injection or submits a written request to extend this Authorization prior to the expiration date.

This Authorization is effective upon signature.

Date: JUN 09 2010

Stephen S. Tuber

* Assistant Regional Administrator
Office of Partnerships and Regulatory Assistance

** The person holding this title is referred to as the Director throughout the permit and Authorization*

INJECTION WELL-SPECIFIC REQUIREMENTS

Well Name: **Tar Sands Federal (TSF) 8-31-8-17**
EPA Well ID Number: **UT20847-08794**

Prior to Commencing Injection Operations, the permittee shall submit the following information:

1. Completed Well Rework Record (EPA Form No. 7520-12) and schematic diagram;
2. Pore pressure calculation of the proposed injection zone;
3. Results from a successful part I (internal) Mechanical Integrity test.

Once these records are received and approved by EPA, the Director will provide written authorization to inject for a limited period of 180 days, during which time a Radioactive Tracer Survey (RTS) is required. A successful RTS will be considered valid at injection pressures up to the MAIP until one of the following events occurs, at which time a subsequent RTS is required:

- a) If the submitted RTS is determined to be inconclusive or inadequate by EPA,
- b) If the MAIP of the injection well is exceeded for any reason (*It is a violation to exceed the MAIP without prior EPA approval*),
- c) If new injection perforations are added to the injection well, either through the creation of new perforations or the adjustment of the packer depth to inject into a set of existing perforations that were previously inactive,
- d) If the injection formation is acid-treated, hydraulically stimulated, or stimulated by any other method through the injection well, that may affect the cement integrity of the well,
- e) If the Director requests that a RTS be run for any reason.

A submitted RTS which indicates the movement of fluid behind casing from the injection zone will result in a requirement to demonstrate part II mechanical integrity using an approved demonstration method such as a temperature log, oxygen activation log, or noise log at a frequency no less than once every five years.

Approved Injection Zone: The approved injection zone for this well is from the top of Green River Formation, Garden Gulch 2 Member, to the top of the Wasatch Formation. The approved injection zone depth interval for this well is: 4,203 ft. – 6,278 ft.

Note: All depths given in this authorization reference the Kelly Bushing datum unless otherwise specified.

Maximum Allowable Injection Pressure (MAIP): The initial MAIP for this well is **1,090** psig. The initial MAIP is based on the following calculation:

$$\text{MAIP} = [\text{FG} - (0.433)(\text{SG})] * \text{D, where}$$
$$\text{FG} = 0.676 \text{ psi/ft.} \quad \text{SG} = 1.015 \quad \text{D} = 4,614 \text{ ft. (top perforation depth)}$$

Initial MAIP = 1,090 psig

FG = Fracture Gradient SG = Specific Gravity of Injectate (Maximum)

The UIC Area Permit provides the opportunity for the permittee to request a change of the initial MAIP based upon the submitted results of a step rate test that demonstrates the formation parting pressure.

Well Construction: Casing and Cementing: The well was constructed in compliance with existing regulatory controls for casing and cementing pursuant to 40 CFR § 146.22(c). However, cementing records, including the Cement Bond Log (CBL), have not satisfactorily demonstrated the presence of adequate cement to prevent the migration of injection fluids behind the casing from the injection zone. An EPA-annotated wellbore diagram is attached.

Well Construction: Tubing and Packer: 2-7/8" or similar size injection tubing is approved. The packer shall be set at a depth no more than 100 ft. above the top perforation.

Demonstration of Mechanical Integrity:

- (1) A successful demonstration of part I (internal) mechanical integrity using a Casing-Tubing Annulus Pressure Test is required prior to injection, and no less than every five years after the last successful test.
- (2) Because the cementing records have not satisfactorily demonstrated the presence of adequate cement to prevent migration of injection fluids behind the casing from the injection zone, a RTS is required to confirm the presence of adequate cement. The RTS will supplement the cementing records, which show an insufficient interval of 80 percent cement bond index or greater through the confining zone, by demonstrating the presence or absence of adequate cement to prevent fluid movement behind the casing above the uppermost perforation. It is intended that a maximum of 180 days of injection will allow the injection zone to achieve the Maximum Allowable Injection Pressure (MAIP) for the purpose of executing the RTS. If 180 days is not sufficient to achieve the MAIP specified in the permit, an extension of the period of Limited Authorization to Inject may be requested. If the RTS is not run, or if the RTS does not confirm adequate cement, the permittee shall demonstrate Part II (external) Mechanical Integrity pursuant to 40 CFR §146.8(a)(2) using an approved test method such as temperature log, noise log or oxygen activation log, and the demonstration of Part II Mechanical Integrity shall be repeated no less than every five years after the last successful test.

Demonstration of Financial Responsibility: The applicant demonstrated financial responsibility by a Financial Statement in the amount of \$59,344 on May 10, 2010, which has been approved by EPA. The Director may revise the amount required, and may require the Permittee to obtain and provide updated estimates of costs for plugging the well according to the approved Plugging and Abandonment Plan.

Plugging and Abandonment: The well shall be plugged in a manner that isolates the injection zone and prevents movement of fluids into or between Underground Sources of Drinking Water (USDW). Tubing, packers, and any downhole apparatus shall be removed. Class A, C, G, and H cements, with additives such as accelerators and retarders that control or enhance cement properties, may be used for plugs; however, volume extending additives and gel cements are not approved for plug use. Plug placement shall be verified by tagging. Plugging gel of at least 9.2 lb/gal shall be placed between all plugs. A minimum 50 ft. surface plug shall be set inside and outside of the surface casing to seal pathways for fluid migration into the subsurface. Within sixty (60) days after plugging the owner or operator shall submit Plugging Record (EPA Form 7520-13) to the Director. The Plugging Record must be certified as accurate and complete by the person responsible for the plugging operation. At a minimum, the following plugs are required:

- Plug No. 1:** Set a cast iron bridge plug (CIBP) 50 ft. above the top injection zone perforations (at the time of this authorization, the top perforation is at 4,614 ft.). Set 100 ft. cement plug on top of the CIBP.
- Plug No. 2:** Perforate and squeeze cement up the backside of the 5-1/2" casing across the Trona /Bird's Nest interval and the Mahogany Bench oil shale in a 144-foot cement plug from 3,042 ft. to 3,186 ft. unless pre-existing backside cement precludes cement-squeezing this interval. Set a 144-foot cement plug inside the 5-1/2" casing from 3,042 ft. to 3,186 ft.
- Plug No. 3:** Perforate and squeeze cement up the backside of the 5-1/2" casing across the contact between the Uinta Formation and Green River Formation at 1,629 ft., in a 120-foot cement plug from 1,569 ft. to 1,689 ft., unless pre-existing backside cement precludes cement-squeezing this interval. Set a minimum 120-foot cement plug inside the 5-1/2" casing from 1,569 ft. to 1,689 ft.
- Plug No. 4:** Perforate 5-1/2" casing at 358 ft. and squeeze cement up the 5-1/2"x 8-5/8" casing annulus to the surface, unless pre-existing backside cement precludes cement-squeezing this interval. Set a cement plug within the 5-1/2" casing from a depth of 358 ft. to the surface.

An EPA-annotated wellbore Plugging and Abandonment Plan diagram is attached.

INJECTION WELL-SPECIFIC CONSIDERATIONS

Well Name: **Tar Sands Federal (TSF) 8-31-8-17**

EPA Well ID Number: **UT20847-08794**

Underground Sources of Drinking Water (USDWs): USDWs in the Greater Boundary Unit generally occur within the Uinta Formation. According to "*Base of Moderately Saline Ground Water in the Uinta Basin, Utah, State of Utah Technical Publication No. 92,*" the base of moderately saline ground water may be found at approximately 308 ft. in this well.

Utah Division of Water Rights Information: According to the state website, <http://utstnrwrt6.waterrights.utah.gov/cgi-bin/wrplat.exe>, there are no known reservoirs, streams, domestic or agricultural water wells within one-quarter (1/4) mile of the well.

Composition of Source, Formation, and Injectate Water: The Total Dissolved Solids (TDS) content of water produced from the injection zone in the Green River Formation was determined to be 10,302 mg/l on November 20, 2009. Due to nearby injection activity for the purpose of enhanced oil recovery, this TDS value may not be representative of the original TDS content of formation waters at or near this well.

The TDS content of injectate was determined to be 7,933 mg/l on January 5, 2010. The injectate is water from a Boundary Injection Facility and consists of culinary water from the Johnson Water District blended with produced Green River Formation water.

Aquifer Exemption: An aquifer exemption is not required because the TDS of the produced water from the proposed injection well is greater than 10,000 mg/l.

Confining Zone: The UIC Area Permit established Areal Confining Zone (ACZ) (also known as the Administrative Confining Zone) directly overlies the Garden Gulch Member of the Green River Formation and is found between 3,694 ft. and 3,889 ft. in this well. However, the cement records show no adequate cement (80% cement bond index) behind casing across this interval. Therefore, the ACZ is not planned to be used as the confining zone for this well. To avoid the risks associated with cement-squeezing, two alternative Garden Gulch Member confining zones (below the ACZ) have been identified as follows:

Shale "A": 4,000 ft. to 4,082 ft. There is no adequate cement across Shale "A" according to CBL analysis. Therefore, Shale "A" is not planned to be used as the confining zone in this well.

Shale "B": 4,112 ft. to 4,203 ft. Shale "B" is approximately 91 ft. in thickness. There is no adequate cement (80 percent or greater cement bond index) across Shale "B". However, there is approximately 75 ft of 70 percent cement bond index cement in the interval 4,128 ft to 4,203 ft. While this may represent confining zone cement quality less than the 18-feet of 80 percent cement bond index recommended in EPA Region 8 guidance, it represents the best cement across a confining zone in this well. Also, the Permittee indicated in the permit application that the base of Shale "B" (top of the Garden Gulch #2) be used as the bottom of the confining zone (top of proposed injection zone). EPA is in agreement with that proposal as it represents a more

conservative approach in this case. Therefore, EPA has determined that Shale "B" is the alternate confining zone for this well.

Injection Zone: The injection zone for this well is in the Green River Formation from the top of Garden Gulch 2 (base of Shale "B") at 4,203 ft., to the top of the Wasatch Formation at an estimated depth of approximately 6,278 ft. Due to the change in the designated confining zone, the injection zone has been limited to an interval from the base of Shale "B", at a depth of 4,203 ft. (top of Garden Gulch 2) to the top of the Wasatch Formation, at an estimated depth of approximately 6,278 ft. The Permittee proposed in the permit application that the injection zone (interval) be lowered to the top of the Garden Gulch #2 (the base of Shale "B") at a depth of 4,203 ft. for this well. EPA is in agreement with that proposal as it represents a more conservative approach in this case. Also, this clarifies that the top of the Wasatch at 6,278 ft. (not a depth of 6,202 ft. as cited in the permit application) is used as the bottom of the injection zone. The injection zone at this well location consists of approximately 2,075 ft. of multiple lenticular sand units interbedded with shale, marlstone and limestone from the base of Formation tops are either submitted by the operator or are based on correlations to the Newfield Monument Butte Type Log.

Well Construction: The Cement Bond Log (CBL) for this well does not show adequate cement (80 percent or greater cement bond index) through the confining zone (Shale "B"). EPA Region 8 guidance calls for adequate cement through the confining zone. A demonstration that well cement is adequate to prevent significant migration of injection fluids behind casing is therefore required.

Surface Casing: 8-5/8" casing is set at 289 ft. in a 12-1/4" hole, using 120 sacks of Premium Cement, cemented to the surface.

Longstring Casing: 5-1/2" casing is set at 6,202 ft. in a 7-7/8" hole secured with 280 sacks of Hyfill cement and 340 sacks of thixotropic cement. Plugged back total depth is 6,145 ft. Cement Bond Log (CBL) shows top of cement is between 440 ft and surface.

Perforations: Top perforation: 4,614 ft. Bottom perforation: 6,121 ft.

Additional information concerning the well may be found on the state website:
<http://oilgas.ogm.utah.gov/>

Basis for Initial MAIP Calculation: The initial MAIP was calculated by EPA using the following input values for the fracture gradient and injectate specific gravity:

Fracture Gradient: A fracture gradient value of 0.676 psi/ft. was selected by EPA because it is the most conservative fracture gradient calculated for this well and for other nearby wells.

Specific Gravity: An injectate specific gravity value of 1.015 was selected by EPA because this value is the maximum expected specific gravity of injectate for this well.

Well Plugging and Abandonment: As discussed in the EPA Region 8 guidance, wells should be plugged and abandoned in a manner to prevent migration of fluids in the wellbore into or between USDWs. The four (4) cement plugs required for this well are as follows:

Plug No. 1 is required to prevent migration of fluids out of the injection zone. It is believed that there are no USDWs below Plug No. 1.

Plug No. 2 is required because the interval of the Green River Formation, containing the Bird's Nest and Trona Members, is reported to contain USDWs in places in the Uinta Basin, and the Mahogany Bench Member is an oil shale resource that is also being protected under U.S. Bureau of Land Management (BLM) requirements.

Plug No. 3 is required across the Uinta Formation/Green River Formation contact to prevent flow between USDWs.

Plug No. 4 is required to prevent fluids from migrating from the surface or from below into shallow USDWs.

AREA OF REVIEW (AOR) WELL REQUIREMENTS

The following six (6) AOR wells that penetrate the area confining zone within or proximate to a one-quarter (1/4) mile radius around the TSF 8-31-8-17 well were evaluated to determine if any corrective action is necessary to prevent fluid movement into USDWs:

<u>AOR Well</u>	<u>API Number</u>	<u>Location</u>
TSF 1-31-8-17	43-013-31654	NENE 31 T8S, R17E
SWF I-31-8-17*	43-013-33818	NWNE 31 T8S, R17E
GS 5-32-8-17**	43-013-30714	SWNW 32 T8S, R17E
TSF 7-31-8-17	43-013-31684	SWNE 31 T8S, R17E
SWF L-31-8-17	43-013-33761	NESE 31 T8S, R17E
TSF 9-31-8-17	43-013-31616	NESE 31 T8S, R17E

*Sand Wash Federal (SWF)

**Gilsonite State (GS)

No Corrective Action Required for the AOR Wells

As discussed below, no corrective action is being required for the six (6) AOR wells because:

- 1) the wells are shown to have adequate cement across the Shale "B" confining zone to prevent fluid migration in the wellbores, and/or;
- 2) the well(s) are previously permitted injection wells that have demonstrated Part II Mechanical Integrity.

These points are discussed briefly below for each AOR well:

TSF 1-31-8-17

The Cement Bond Log (CBL) shows the Top of Cement (TOC) to be at approximately 638 ft. The CBL also shows adequate cement (80 percent or greater cement bond index) across the Shale "B" confining zone interval 4,126 ft. to 4,184 ft.

SWF I-31-8-17

The Cement Bond Log (CBL) shows the Top of Cement (TOC) to be at approximately 42 ft. The CBL also shows adequate cement (80 percent or greater cement bond index) across the Shale "B" confining zone interval 4,212 ft. to 4,250 ft.

Gilsonite State 5-32-8-17

The Cement Bond Log (CBL) shows the Top of Cement (TOC) to be at approximately 3,740 ft. The CBL also shows adequate cement (80 percent or greater cement bond index) across the Shale "B" confining zone interval 4,100 ft. – 4,176 ft.

TSF 7-31-8-17

The Cement Bond Log (CBL) shows the Top of Cement (TOC) to be at approximately 1,305 ft. The CBL shows no adequate cement (80 percent or greater cement bond index) in the ACZ, Shale "A" or Shale "B". However, this is a previously permitted injection well which has demonstrated Part II Mechanical Integrity (confirmed by RTS dated September 10, 2009). [Additional notes: 1) The TSF 7-31-8-17 well is located approximately one-fourth (1/4) mile from TSF 8-31-8-17 (on the outer-edge of the AOR). 2) The well has approximately 50 percent cement bond index cement in the Shale "A" interval 4,048 ft. to 4,078 ft.]

SWF L-31-8-17

The Cement Bond Log (CBL) shows the Top of Cement (TOC) to be at surface. The CBL also shows adequate cement (80 percent or greater cement bond index) across the Shale "B" confining zone interval 4,160 ft. to 4,248 ft.

TSF 9-31-8-17

The Cement Bond Log (CBL) shows the Top of Cement (TOC) to be at surface. The CBL also shows adequate cement (80 percent or greater cement bond index) across the Shale "B" confining zone interval 4,164 ft. to 4,182 ft.

REPORTING REQUIREMENTS

Reporting of Noncompliance:

- (a) Anticipated Noncompliance. The operator shall give advance notice to the Director of any planned changes in the permitted facility or activity which may result in noncompliance with permit requirements.
- (b) Compliance Schedules. Reports of compliance or noncompliance with, or any progress on, interim and final requirements contained in any compliance schedule of this Permit shall be submitted to EPA for review no later than 30 days following each schedule date.
- (c) Written Notice of any noncompliance which may endanger health or the environment shall be reported to the Director within five days of the time the operator becomes aware of the noncompliance. The written notice shall contain a description of the noncompliance and its cause, the period of noncompliance including dates and times, if the noncompliance has not been corrected the anticipated time it is expected to continue, and steps taken or planned to prevent or reduce recurrence of the noncompliance.

Twenty-Four Hour Noncompliance Reporting: The operator shall report to the Director any noncompliance which may endanger health or environment. Information shall be provided, either orally or by leaving a message, within twenty-four (24) hours from the time the operator becomes aware of the circumstances by telephoning 1-(800)-227-8917 and asking for the EPA Region 8 UIC Program Compliance and Enforcement Director, or by contacting the Region 8

Emergency Operations Center at (303)-293-1788, if calling from outside EPA Region 8. The following information shall be included in the verbal report:

- (a) Any monitoring or other information which indicates that any contaminant may cause an endangerment to an underground source of drinking water.
- (b) Any noncompliance with a Permit condition or malfunction of the injection system which may cause fluid migration into or between underground sources of drinking water.

Oil Spill and Chemical Release Reporting: The operator shall comply with all other reporting requirements related to oil spills and chemical releases or other potential impacts to human health or the environment by contacting the **National Response Center (NRC)** at: **1-(800)-424-8802 or 1-(202)-267-2675**, or through the NRC website at: <http://www.nrc.uscg.mil/index.htm>

Other Noncompliance: The operator shall report all other instances of noncompliance not otherwise reported at the time monitoring reports are submitted.

Other Information: Where the operator becomes aware that he failed to submit any relevant facts in the Permit application, or submitted incorrect information in a Permit application, or in any report to the Director, the operator shall submit such correct facts or information within two weeks of the time such information became known.

Tom. Aalto, EPA
5/28/10

Tar Sands Federal #8-31-8-17.

Spud Date: 4/29/96
Put on Production: 6/25/96
GL: 5296' KB: 5308'

Initial Production: 262 BOPD,
165 MCFPD, 3 BWPD

SURFACE CASING

CSG SIZE: 8 5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (290.87')
DEPTH LANDED: 288.87' (GL)
HOLE SIZE: 12 1/4"
CEMENT DATA: 120 sxs Premium cmt, est 5 bbls cmt to surf.

TOC @ Surf. to
440'
Casing Shoe @ 289'

PRODUCTION CASING

CSG SIZE: 5 1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 146 jts. (6205.40')
DEPTH LANDED: 6202'
HOLE SIZE: 7 7/8"
CEMENT DATA: 280 sk Hyfill mixed & 340 sxs thixotropic
CEMENT TOP AT: Surface to
440' (CBL)

No 80% CBI cement
above IZ.

TUBING

SIZE/GRADE/WT.: 2 7/8" / L.S. tbg. / 6.5#
NO. OF JOINTS: 194 jts. (5962.53')
TUBING ANCHOR: 5975.53' KB
NO. OF JOINTS: 1 jt. (32.50')
SEATING NIPPLE: 2 7/8" (1.10')
SN LANDED AT: 6010.83' KB
NO. OF JOINTS: 1 jt. (31.54')
TOTAL STRING LENGTH: EOT @ 6043.92' KB

* Base of OSDW from Tech. Pub. #92
is 5308' - 5000' = 308'

CZ = Confining Zone

IZ = Injection Zone

Notes:

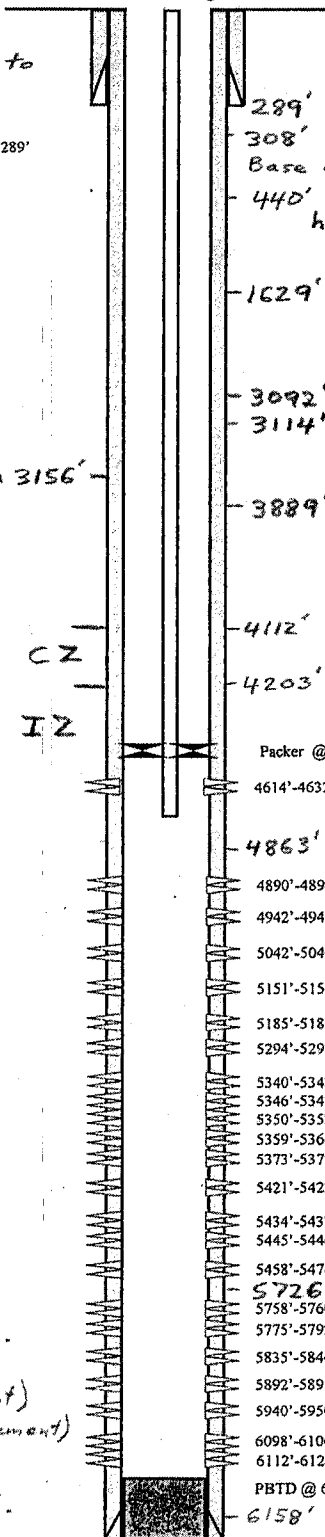
- 1) CBL not clear concerning TOC.
TOC appears to be between
440' and surface based on CBL.
- 2) Administrative Confining Zone
is: 3894' - 3889' (No 80% cement)
- 3) Shale "A": 4000' - 4082' (No 80% cement)
- 4) Shale "B" is the designated
confining zone for this well.

NEWFIELD

Tar Sands Federal #8-31-8-17
660 FEL & 1980 FNL
SE/NE Section 31-T8S-R17E
Duchesne Co, Utah
API #43-013-31615; Lease #UTU-74869

Proposed Injection

Wellbore Diagram



FRAC JOB

6/19/96 5294'-5474' Frac LDC, A-3 & A-1 sands as follows:
161,500# of 20/40 sand in 727 bbls of Boragel.
Treated @ avg rate 46.7 bpm @ avg press of 950
psi. ISIP: 1534 psi. Calc. flush: 5294 gal. Actual
flush: 5230 gal.

6/21/96 5042'-5188' Frac B-2, B-1 & C sands as follows:
94,700# of 20/40 sand in 510 bbls of Boragel.
Treated @ avg rate 31 bpm w/avg press of 1300#.
ISIP: 2049 psi. Calc. flush: 5042 gal. Actual
flush: 4955 gal.

9/05/00 Pump change. Update rod and tubing details.

4/18/03 5758'-6121' Frac BS & CP sands as follows:
120,678# of 20/40 sand in 608 bbls Viking 1-25
fluid. Treated @ avg press of 4065 psi with avg
rate of 17.9 bpm. ISIP: 1475 psi. Calc flush:
1578 gal. Actual flush: 1436 gal.

4/19/03 4942'-4894' Frac D1 & D2 sands as follows:
40,274# of 20/40 sand in 114 bbls Viking 1-25
fluid. Treated @ avg. press of 1815 psi with avg
rate of 26.8 bpm. ISIP: 2300 psi. Calc flush:
4940 gal. Actual flush: 4,788 gal.

4/19/03 4614'-4632' Frac PB-10 sands as follows:
44,792# of 20/40 sand in 203 bbls Viking 1-25
fluid. Treated @ avg press of 1960 psi with avg
rate of 26.9 bpm. ISIP 2350 psi. Calc flush:
4612 gal. Actual flush: 4529 gal.

8/23/04 Pump change. Update rod details.

4112' Shale "B" Top of CZ
4203' Garden Gulch 2, Top of IZ

Packer @ 4564'
4614'-4632'

Note: There is 70% cement
in the interval 4128' to
4203'.

4863' Douglas Creek

4890'-4894'
4942'-4949'
5042'-5046'

5151'-5156'
5185'-5188'
5294'-5298'
5340'-5343'
5346'-5348'
5350'-5352'
5359'-5364'
5373'-5379'

5421'-5423'
5434'-5437'
5445'-5446'

5458'-5474'
5726' Castle Peak
5758'-5760'
5775'-5792'

5835'-5844'
5892'-5895'
5940'-5950'
6098'-6106'
6112'-6121'

PBTD @ 6145

6158' Basal Carbonate

TD & SHOE @ 6202'

PERFORATION RECORD

6/18/96	5294'-5298'	4 JSPF	16 holes
6/18/96	5340'-5343'	2 JSPF	5 holes
6/18/96	5346'-5348'	2 JSPF	5 holes
6/18/96	5350'-5352'	2 JSPF	4 holes
6/18/96	5359'-5364'	2 JSPF	10 holes
6/18/96	5373'-5379'	2 JSPF	12 holes
6/18/96	5421'-5423'	2 JSPF	4 holes
6/18/96	5434'-5437'	2 JSPF	6 holes
6/18/96	5445'-5446'	2 JSPF	2 holes
6/18/96	5458'-5474'	4 JSPF	60 holes
6/20/96	5185'-5188'	4 JSPF	12 holes
6/20/96	5151'-5156'	4 JSPF	20 holes
6/20/96	5042'-5046'	4 JSPF	16 holes
4/18/03	4890'-4894'	4 JSPF	16 holes
4/18/03	4942'-4949'	4 JSPF	28 holes
4/18/03	5758'-5760'	4 JSPF	8 holes
4/18/03	5775'-5792'	4 JSPF	68 holes
4/18/03	5835'-5844'	4 JSPF	36 holes
4/18/03	5892'-5895'	4 JSPF	12 holes
4/18/03	5940'-5950'	4 JSPF	40 holes
4/18/03	6098'-6106'	4 JSPF	32 holes
4/18/03	6112'-6121'	4 JSPF	32 holes
4/19/03	4614'-4632'	4 JSPF	72 holes

Watch Fm
6278' (est.) Bottom of IZ

KL 3/18/10

Tar Sands Federal #8-31-8-17

Tom Aalto, EPA
5/28/10

Spud Date: 4/29/96
Put on Production: 6/25/96
GL: 5296' KB: 5308'

Initial Production: 262 BOPD,
165 MCFPD, 3 BWPD

SURFACE CASING

CSG SIZE: 8 5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (290.87')
DEPTH LANDED: 288.87' (GL)
HOLE SIZE: 12 1/4"
CEMENT DATA: 120 sxs Premium cmt, est 5 bbls cmt to surf

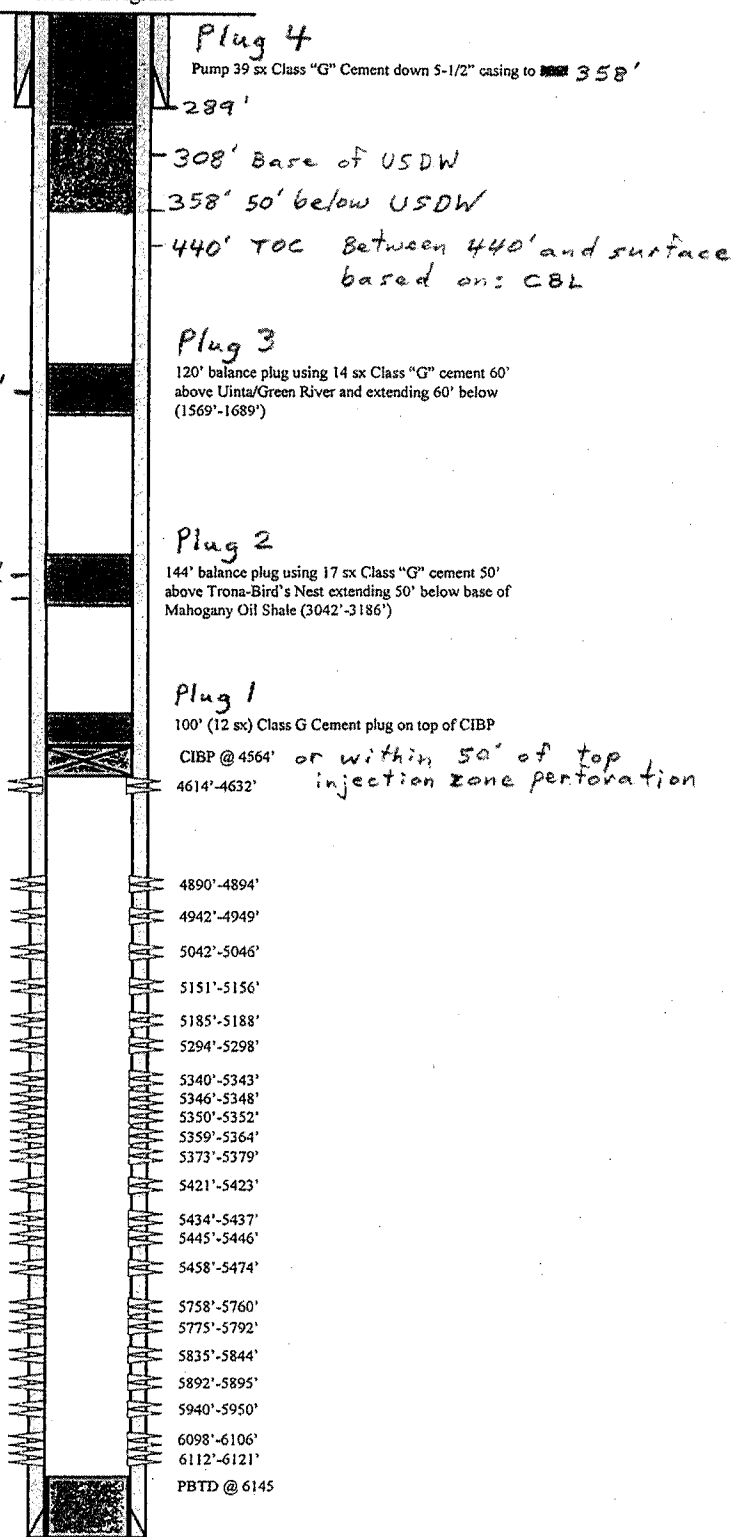
PRODUCTION CASING

CSG SIZE: 5 1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 146 jts. (6205.40')
DEPTH LANDED: 6202'
HOLE SIZE: 7 7/8"
CEMENT DATA: 280 sk Hyfill mixed & 340 sxs thixotropic
CEMENT TOP AT: Surface ~~6202'~~ to 440' (CBL)

Green River Fm 1629'

Trona 3092'
3136'
Base of Mahogany Bench

Proposed P&A Wellbore Diagram



NEWFIELD

Tar Sands Federal #8-31-8-17
660 FEL & 1980 FNL
SE/NE Section 31-T8S-R17E
Duchesne Co, Utah
API #43-013-31615; Lease #UTU-74869

KL 3/18/10

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-74869
1. TYPE OF WELL Oil Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
3. ADDRESS OF OPERATOR: Rt 3 Box 3630, Myton, UT, 84052		8. WELL NAME and NUMBER: TAR SANDS FED 8-31
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1980 FNL 0660 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SENE Section: 31 Township: 08.0S Range: 17.0E Meridian: S		9. API NUMBER: 43013316150000
PHONE NUMBER: 435 646-4825 Ext		9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
COUNTY: DUCHESNE		STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION	<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 5/31/2013 <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:
		<input checked="" type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text" value="Major Workover"/>	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The following major workover was completed on the above well: frac LODC Sands. The well was returned to production on 05/31/2013. See attached daily activity report.

**Accepted by the
Utah Division of
Oil, Gas and Mining**

FOR RECORD ONLY

October 10, 2013

NAME (PLEASE PRINT) Jennifer Peatross	PHONE NUMBER 435 646-4885	TITLE Production Technician
SIGNATURE N/A	DATE 8/30/2013	

Daily Activity Report

Format For Sundry

TAR SANDS 8-31-8-17

3/1/2013 To 7/30/2013

4/27/2013 Day: 1

Recompletion

WLD #2 on 4/27/2013 - MIRUSU. Test tbg (blew hole in tbg). TOO H w/ rods. - Unseat pump. Flush rods w/ 40 bbls water. Soft seat pump. Test tbg to 1000 psi w/ 20 bbls of water And blew hole in tbg. TOO H w/ rods, 1-1/2" x 22' polish rod, 102- 3/4" guided, 122- 3/4" slick, 10- 3/4" guided, 6- 1-1/2" K-Bars. Pumped 120 bbls & well not circulating. LD 23- 3/4" slick rods (bad). - RU sand line & line counter. RIH & tag fill @ 6133' (12' of fill). - Switch over to tbg equipment. Release TA. SIFN w/ 120 bbls pumped. - Unseat pump. Flush rods w/ 40 bbls water. Soft seat pump. Test tbg to 1000 psi w/ 20 bbls of water And blew hole in tbg. TOO H w/ rods, 1-1/2" x 22' polish rod, 102- 3/4" guided, 122- 3/4" slick, 10- 3/4" guided, 6- 1-1/2" K-Bars. Pumped 120 bbls & well not circulating. LD 23- 3/4" slick rods (bad). - Held safety meeting & discussed JSA's & location hazards. Unit was down. MIRUSU. Open well w/ 100 psi on casing. RU Hot Oiler pump 60 bbls hot water down casing. - RU sand line & line counter. RIH & tag fill @ 6133' (12' of fill). - RU sand line & line counter. RIH & tag fill @ 6133' (12' of fill). - Switch over to tbg equipment. Release TA. SIFN w/ 120 bbls pumped. - Held safety meeting & discussed JSA's & location hazards. Unit was down. MIRUSU. Open well w/ 100 psi on casing. RU Hot Oiler pump 60 bbls hot water down casing. - Held safety meeting & discussed JSA's & location hazards. Unit was down. MIRUSU. Open well w/ 100 psi on casing. RU Hot Oiler pump 60 bbls hot water down casing. - Switch over to tbg equipment. Release TA. SIFN w/ 120 bbls pumped. - Unseat pump. Flush rods w/ 40 bbls water. Soft seat pump. Test tbg to 1000 psi w/ 20 bbls of water And blew hole in tbg. TOO H w/ rods, 1-1/2" x 22' polish rod, 102- 3/4" guided, 122- 3/4" slick, 10- 3/4" guided, 6- 1-1/2" K-Bars. Pumped 120 bbls & well not circulating. LD 23- 3/4" slick rods (bad).

Daily Cost: \$0

Cumulative Cost: \$17,708

4/29/2013 Day: 2

Recompletion

WLD #2 on 4/29/2013 - Set H valve. Set BOP's. Test BOP's. Scan tbg. - Held safety meeting & discussed location hazards & testing procedure. Open well w/ 0 psi on casing. RIH w/ "H" valve w/ packer. Set @ 30'. - RU FMC frac valve (5K), Knight blind rams singles (5K), Knight double pipe rams (5K) w/ double 2-1/16" port valves, Washington head. - RU B&C tester & test all voids to 1850 psi for 5 min. Test blind rams. Test frac valve to 2800 psi for 250 low for 5. 2800 psi high for 10 min. Instal 2-7/8" pup joint & TIW valve. Test pipe rams 250 low for 5 min. Test 2800 high for 10 min. - Wait on PRS scan tool. - RU PRS scan tool & TOO H w/ tbg. Found 172 jts yellow (0 to 15%), 22 jts blue (16 to 35%), 2 jts red (36-45%). RD scan trk. - Change over to 3-1/2" tbg equipment. SIFN. - Held safety meeting & discussed location hazards & testing procedure. Open well w/ 0 psi on casing. RIH w/ "H" valve w/ packer. Set @ 30'. - RU FMC frac valve (5K), Knight blind rams singles (5K), Knight double pipe rams (5K) w/ double 2-1/16" port valves, Washington head. - RU B&C tester & test all voids to 1850 psi for 5 min. Test blind rams. Test frac valve to 2800 psi for 250 low for 5. 2800 psi high for 10 min. Instal 2-7/8" pup joint & TIW valve. Test pipe rams 250 low for 5 min. Test 2800 high for 10 min. - Wait on PRS scan tool. - Change over to 3-1/2" tbg equipment. SIFN. - RU PRS scan tool & TOO H w/ tbg. Found 172 jts yellow (0 to 15%), 22 jts blue (16 to 35%), 2 jts red (36-45%). RD scan trk. - Held safety meeting & discussed location hazards & testing procedure. Open well w/ 0 psi on casing. RIH w/ "H" valve w/ packer. Set @ 30'. - RU FMC frac valve (5K), Knight blind rams singles (5K), Knight double pipe rams (5K) w/ double 2-1/16" port valves, Washington head. - RU B&C tester & test all voids to 1850 psi for 5 min. Test blind rams. Test frac valve to 2800 psi for 250 low for 5. 2800 psi high for 10 min. Instal 2-7/8"

pup joint & TIW valve. Test pipe rams 250 low for 5 min. Test 2800 high for 10 min. - Wait on PRS scan tool. - RU PRS scan tool & TOO H w/ tbg. Found 172 jts yellow (0 to 15%), 22 jts blue (16 to 35%), 2 jts red (36-45%). RD scan trk. - Change over to 3-1/2" tbg equipment. SIFN.

Daily Cost: \$0

Cumulative Cost: \$30,811

4/30/2013 Day: 3**Recompletion**

WILDCat #2 on 4/30/2013 - Change rams. Test BOP's. TIH w/ work string. Test tools. - Held safety meeting & discussed location hazards, PPE policies, smoking area, stop work authority & procedures. Change out pipe rams to 3-1/2". Set catwalk. Unload tbg (Knight Oil Tools w/ slim collars), 9.3#, P-110, 8EUE. Instal 3-1/2" RAM blocks. Test against 5K frac valve to 250 low, 3000 psi high for 10 min. - RD cat walk. Prep location for frac crew. SIFN w/ 250 bbls EWTR. - Tally, drift, TIH w/ rented 3-1/2" tbg. 179 jts in set "TS" RBP @ 5611'. LD 1 jt. Test tools to 4200 psi (5589') w/ 44 bbls 7% KCL wtr. Pump 74 bbls down csg to equalize fluid. Release Pkr. Stand back 10 jts in derrick. Set pkr @ 5260'. - Left 25 joints on ground. RU WCS "TS" RBP, On/Off tool (1.99" ID), 2-3/8" x 4' pup joint, "HD" pkr (1.99" ID), XO sub to 3-1/2" 8EUE. - Left 25 joints on ground. RU WCS "TS" RBP, On/Off tool (1.99" ID), 2-3/8" x 4' pup joint, "HD" pkr (1.99" ID), XO sub to 3-1/2" 8EUE. - Held safety meeting & discussed location hazards, PPE policies, smoking area, stop work authority & procedures. Change out pipe rams to 3-1/2". Set catwalk. Unload tbg (Knight Oil Tools w/ slim collars), 9.3#, P-110, 8EUE. Instal 3-1/2" RAM blocks. Test against 5K frac valve to 250 low, 3000 psi high for 10 min. - Tally, drift, TIH w/ rented 3-1/2" tbg. 179 jts in set "TS" RBP @ 5611'. LD 1 jt. Test tools to 4200 psi (5589') w/ 44 bbls 7% KCL wtr. Pump 74 bbls down csg to equalize fluid. Release Pkr. Stand back 10 jts in derrick. Set pkr @ 5260'. - Held safety meeting & discussed location hazards, PPE policies, smoking area, stop work authority & procedures. Change out pipe rams to 3-1/2". Set catwalk. Unload tbg (Knight Oil Tools w/ slim collars), 9.3#, P-110, 8EUE. Instal 3-1/2" RAM blocks. Test against 5K frac valve to 250 low, 3000 psi high for 10 min. - Left 25 joints on ground. RU WCS "TS" RBP, On/Off tool (1.99" ID), 2-3/8" x 4' pup joint, "HD" pkr (1.99" ID), XO sub to 3-1/2" 8EUE. - Tally, drift, TIH w/ rented 3-1/2" tbg. 179 jts in set "TS" RBP @ 5611'. LD 1 jt. Test tools to 4200 psi (5589') w/ 44 bbls 7% KCL wtr. Pump 74 bbls down csg to equalize fluid. Release Pkr. Stand back 10 jts in derrick. Set pkr @ 5260'. - RD cat walk. Prep location for frac crew. SIFN w/ 250 bbls EWTR. - RD cat walk. Prep location for frac crew. SIFN w/ 250 bbls EWTR.

Daily Cost: \$0

Cumulative Cost: \$67,686

5/1/2013 Day: 4**Recompletion**

WILDCat #2 on 5/1/2013 - RU WLT. RIH temp survey. RD WLT. RU frac crew. Have trouble w/ high bicarbes. Test water taps. - 3rd survey tag @ 5424' @ 0 psi on well. TOO H w/ tools. SIFN. - Held safety meeting & discussed JSA's & location hazards. Open well w/ 0 psi on casing. RU Perforators LLC & run in hole w/ temp Survey tool. Took survey from 5238' to 5611'. Showed 132 to 143 degrees. - Held safety meeting & discussed location hazards, PPE policies, smoking area, stop work authority & procedures. Move in RU Perforators LLC WLT & lubricator. Test lubricator. Open well w/ 450 psi @ 9PM. Tag fill @ 5427'. Run temp survey from 5238' to 5427'. Left tool in hole hang 5100'. Temp @ top 110 degrees. Mid was 114 & bottom @ 5247' was 102 degrees. - RD Baker Hughes. - LODC sds. Frac down 3-1/2", 9.3# tbg. Test lines to 5944 psi. Open well w/ 0 psi on casing. 0 psi on tbg. Held 50 psi on casing during frac (took 44 bbls to fill & 239 bbls to hold pressure during frac). Took 47 bbls to load tbg. The well showed no Break back in psi. Spear head 6 bbls of 15% HCL (rec'd 1250 psi drop when hit perfs). Pumped first cycle of 3. Drop 100 bioballs in 10 ppa sand. No show of ball action @ 20 bpm. Pump 2nd cycle. Dropped 100 bioballs in 10 ppa sand. No ball action @

20 bpm. Treated @ Max pressure of 4127 @ max rate of 31 bpm, ave pressure of 3658 @ ave rate of 30 bpm w/ 2945 bbls of Lightning 17 frac fluid in 7% KCL wtr. Treated w/ 343,471# of 20/40 white sand @ 10 ppa. Dropped 200 bio-balls total in 10 ppa slurry. Avg temp of frac was 71 degrees. Ran out of water w/ 36 bbls left in flush. Load water from truck. Flush frac away (shut down 10 min due to loading water). ISIP was 1456 w/ .73FG. 5 min was 1270. 10 min was 1257. 15 min was 1237. Leave pressure on well. 3195 Bbls EWTR. - RU Baker Hughes frac crew. - Held safety meeting & discussed JSA's & location hazards. Open well w/ 0 psi on casing. RU Perforators LLC & run in hole w/ temp Survey tool. Took survey from 5238' to 5611'. Showed 132 to 143 degrees. - 3rd survey tag @ 5424' @ 0 psi on well. TOOH w/ tools. SIFN. - 2nd survey tag @ 5426' @ 0 psi on well. - Held safety meeting & discussed location hazards, PPE policies, smoking area, stop work authority & procedures. Move in RU Perforators LLC WLT & lubricator. Test lubricator. Open well w/ 450 psi @ 9PM. Tag fill @ 5427'. Run temp survey from 5238' to 5427'. Left tool in hole hang 5100'. Temp @ top 110 degrees. Mid was 114 & bottom @ 5247' was 102 degrees. - RD Baker Hughes. - LODC sds. Frac down 3-1/2", 9.3# tbg. Test lines to 5944 psi. Open well w/ 0 psi on casing. 0 psi on tbg. Held 50 psi on casing during frac (took 44 bbls to fill & 239 bbls to hold pressure during frac). Took 47 bbls to load tbg. The well showed no Break back in psi. Spear head 6 bbls of 15% HCL (rec'd 1250 psi drop when hit perfs). Pumped first cycle of 3. Drop 100 bioballs in 10 ppa sand. No show of ball action @ 20 bpm. Pump 2nd cycle. Dropped 100 bioballs in 10 ppa sand. No ball action @ 20 bpm. Treated @ Max pressure of 4127 @ max rate of 31 bpm, ave pressure of 3658 @ ave rate of 30 bpm w/ 2945 bbls of Lightning 17 frac fluid in 7% KCL wtr. Treated w/ 343,471# of 20/40 white sand @ 10 ppa. Dropped 200 bio-balls total in 10 ppa slurry. Avg temp of frac was 71 degrees. Ran out of water w/ 36 bbls left in flush. Load water from truck. Flush frac away (shut down 10 min due to loading water). ISIP was 1456 w/ .73FG. 5 min was 1270. 10 min was 1257. 15 min was 1237. Leave pressure on well. 3195 Bbls EWTR. - RU Baker Hughes frac crew. - Held safety meeting & discussed JSA's & location hazards. Open well w/ 0 psi on casing. RU Perforators LLC & run in hole w/ temp Survey tool. Took survey from 5238' to 5611'. Showed 132 to 143 degrees. - 3rd survey tag @ 5424' @ 0 psi on well. TOOH w/ tools. SIFN. - 2nd survey tag @ 5426' @ 0 psi on well. - Held safety meeting & discussed location hazards, PPE policies, smoking area, stop work authority & procedures. Move in RU Perforators LLC WLT & lubricator. Test lubricator. Open well w/ 450 psi @ 9PM. Tag fill @ 5427'. Run temp survey from 5238' to 5427'. Left tool in hole hang 5100'. Temp @ top 110 degrees. Mid was 114 & bottom @ 5247' was 102 degrees. - RD Baker Hughes. - LODC sds. Frac down 3-1/2", 9.3# tbg. Test lines to 5944 psi. Open well w/ 0 psi on casing. 0 psi on tbg. Held 50 psi on casing during frac (took 44 bbls to fill & 239 bbls to hold pressure during frac). Took 47 bbls to load tbg. The well showed no Break back in psi. Spear head 6 bbls of 15% HCL (rec'd 1250 psi drop when hit perfs). Pumped first cycle of 3. Drop 100 bioballs in 10 ppa sand. No show of ball action @ 20 bpm. Pump 2nd cycle. Dropped 100 bioballs in 10 ppa sand. No ball action @ 20 bpm. Treated @ Max pressure of 4127 @ max rate of 31 bpm, ave pressure of 3658 @ ave rate of 30 bpm w/ 2945 bbls of Lightning 17 frac fluid in 7% KCL wtr. Treated w/ 343,471# of 20/40 white sand @ 10 ppa. Dropped 200 bio-balls total in 10 ppa slurry. Avg temp of frac was 71 degrees. Ran out of water w/ 36 bbls left in flush. Load water from truck. Flush frac away (shut down 10 min due to loading water). ISIP was 1456 w/ .73FG. 5 min was 1270. 10 min was 1257. 15 min was 1237. Leave pressure on well. 3195 Bbls EWTR. - RU Baker Hughes frac crew. - 2nd survey tag @ 5426' @ 0 psi on well.

Daily Cost: \$0

Cumulative Cost: \$255,784

5/2/2013 Day: 5

Recompletion

WiLDCat #2 on 5/2/2013 - Run temp survey. C/O to RBP. Release. LD work string. - RU Perforators LLC WLT Lubricator. Test lubricator. RIH w/ temp survey to 5238' & hit sand @ 5424' (179') (btm 3 sets of perfs are covered). RD WLT. - Held safety meeting & discussed location hazards & testing procedure. Open well w/ vacuum psi on casing. RU WCS triplex

pump. - RD Weatherford Triplex pump & tanks. LD 3-1/2" tbg. 96 jts LD SIFN w/ 4646 bbls EWTR. - Took 44 bbls to fill casing. Took 25 bbls to fill tbg. Circulation @ 8 bpm @ 650 psi. C/O 179' of sand w/ 1200 bbls of 7% KCL water. Final circulation was 4 bpm w/ 3 bpm returns. Circulated 538 bbls after tagging "TS" RBP. Well still making a little sand after 2 hours of circulating. Took total of 1451 bbls of 7% KCL to clean well. - RU Perforators LLC WLT Lubricator. Test lubricator. RIH w/ temp survey to 5238' & hit sand @ 5424' (179') (btm 3 sets of perms are covered). RD WLT. - Held safety meeting & discussed location hazards & testing procedure. Open well w/ vacuum psi on casing. RU WCS triplex pump. - RD Weatherford Triplex pump & tanks. LD 3-1/2" tbg. 96 jts LD SIFN w/ 4646 bbls EWTR. - Took 44 bbls to fill casing. Took 25 bbls to fill tbg. Circulation @ 8 bpm @ 650 psi. C/O 179' of sand w/ 1200 bbls of 7% KCL water. Final circulation was 4 bpm w/ 3 bpm returns. Circulated 538 bbls after tagging "TS" RBP. Well still making a little sand after 2 hours of circulating. Took total of 1451 bbls of 7% KCL to clean well. - RU Perforators LLC WLT Lubricator. Test lubricator. RIH w/ temp survey to 5238' & hit sand @ 5424' (179') (btm 3 sets of perms are covered). RD WLT. - Held safety meeting & discussed location hazards & testing procedure. Open well w/ vacuum psi on casing. RU WCS triplex pump. - RD Weatherford Triplex pump & tanks. LD 3-1/2" tbg. 96 jts LD SIFN w/ 4646 bbls EWTR. - Took 44 bbls to fill casing. Took 25 bbls to fill tbg. Circulation @ 8 bpm @ 650 psi. C/O 179' of sand w/ 1200 bbls of 7% KCL water. Final circulation was 4 bpm w/ 3 bpm returns. Circulated 538 bbls after tagging "TS" RBP. Well still making a little sand after 2 hours of circulating. Took total of 1451 bbls of 7% KCL to clean well.

Daily Cost: \$0

Cumulative Cost: \$292,081

5/3/2013 Day: 6**Recompletion**

WiLDCat #2 on 5/3/2013 - LD work string. Test 2-7/8" PIPE RAMS. TIH w/ production. Found hole in tbg. Blew another hole. - Change out pipe rams to 2-7/8". RU B&C testers. Test BOP's to 2800 psi. RD catwalk. Load out tbg. - TOO H w/ tbg to leave hang above perf. SIFN. - TIH w/ tbg to tag fill @ 6015'. Retrieve Stand-in valve. Will clean out sand Monday. - TOO H w/ tbg to leave hang above perf. SIFN. - Held safety meeting & discussed JSA's & location hazards. Open well w/ 0 psi on casing. Continue LD 3-1/2" tbg. - Change out pipe rams to 2-7/8". RU B&C testers. Test BOP's to 2800 psi. RD catwalk. Load out tbg. - TIH w/ NC 1 jt, SN w/ std valve, 1 jt, TA new Cntrl Hydrlic w/ 45,000# shear, 194 jts tbg. Test tbg w/ 20 stds in to 4500 psi. Found 5" split in jt 37, Test w/ 40 stds in to 4500 psi, Test again to 4000 psi. Blew hole @ 3000 psi in jt 61 from surface. TIH w/ tbg. Test tbg to 4000. Blew hole in #120 from surface, replace 1 above & 1 below. TIH w/ tbg. - TIH w/ tbg to tag fill @ 6015'. Retrieve Stand-in valve. Will clean out sand Monday. - Held safety meeting & discussed JSA's & location hazards. Open well w/ 0 psi on casing. Continue LD 3-1/2" tbg. - Change out pipe rams to 2-7/8". RU B&C testers. Test BOP's to 2800 psi. RD catwalk. Load out tbg. - TIH w/ NC 1 jt, SN w/ std valve, 1 jt, TA new Cntrl Hydrlic w/ 45,000# shear, 194 jts tbg. Test tbg w/ 20 stds in to 4500 psi. Found 5" split in jt 37, Test w/ 40 stds in to 4500 psi, Test again to 4000 psi. Blew hole @ 3000 psi in jt 61 from surface. TIH w/ tbg. Test tbg to 4000. Blew hole in #120 from surface, replace 1 above & 1 below. TIH w/ tbg. - TIH w/ tbg to tag fill @ 6015'. Retrieve Stand-in valve. Will clean out sand Monday. - TOO H w/ tbg to leave hang above perf. SIFN. - Held safety meeting & discussed JSA's & location hazards. Open well w/ 0 psi on casing. Continue LD 3-1/2" tbg. - TIH w/ NC 1 jt, SN w/ std valve, 1 jt, TA new Cntrl Hydrlic w/ 45,000# shear, 194 jts tbg. Test tbg w/ 20 stds in to 4500 psi. Found 5" split in jt 37, Test w/ 40 stds in to 4500 psi, Test again to 4000 psi. Blew hole @ 3000 psi in jt 61 from surface. TIH w/ tbg. Test tbg to 4000. Blew hole in #120 from surface, replace 1 above & 1 below. TIH w/ tbg. **Finalized**

Daily Cost: \$0

Cumulative Cost: \$336,524

5/6/2013 Day: 7**Recompletion**

WiLDCat #2 on 5/6/2013 - C/O sand to PBTD. TA won't set. TOO H w/ tbg. - Held safety meeting & discussed JSA's & location hazards. Open well w/ 0 psi on casing. RU Weatherford pump, tanks & swivel. - Pump 210 bbls 7% KCL to fill hole. Circulating 5 bbls down, 2.5 bbls returns. TIH w/ 44 jts tbg to tag fill @ 5990'. C/O 60' of sand. - Wait on water. RNI & Shields hauling water. - C/O 95' of sand (PBTD @ 6145') & used 1300 bbls 7% KCL water. Tried to set TA. Won't set (has sand in threads). - TOO H w/ tbg, change TA. TIH w/ 20 stds. SIFN. 5900 bbls EWTR. - Held safety meeting & discussed JSA's & location hazards. Open well w/ 0 psi on casing. RU Weatherford pump, tanks & swivel. - C/O 95' of sand (PBTD @ 6145') & used 1300 bbls 7% KCL water. Tried to set TA. Won't set (has sand in threads). - Wait on water. RNI & Shields hauling water. - Pump 210 bbls 7% KCL to fill hole. Circulating 5 bbls down, 2.5 bbls returns. TIH w/ 44 jts tbg to tag fill @ 5990'. C/O 60' of sand. - TOO H w/ tbg, change TA. TIH w/ 20 stds. SIFN. 5900 bbls EWTR. - Held safety meeting & discussed JSA's & location hazards. Open well w/ 0 psi on casing. RU Weatherford pump, tanks & swivel. - Pump 210 bbls 7% KCL to fill hole. Circulating 5 bbls down, 2.5 bbls returns. TIH w/ 44 jts tbg to tag fill @ 5990'. C/O 60' of sand. - TOO H w/ tbg, change TA. TIH w/ 20 stds. SIFN. 5900 bbls EWTR. **Finalized**

Daily Cost: \$0**Cumulative Cost: \$368,761**

5/7/2013 Day: 8**Recompletion**

WiLDCat #2 on 5/7/2013 - TIH w/ production. RDMOSU. POP @ 6 PM w/ 64"SL @ 6 spm w/ 5900 bbls EWTR. - Pickup & prime pump (central hydraulic) 2-1/2" x 1-1/2" x 15' new RHAC w/ 210"SL. TIH w/ 6- 1-1/2" weight rods w/ 4' x 7/8" stabilizers between, 30- 3/4" 4per rods, 101- 3/4" slick rods, 102- 3/ 4' 4per rods, 1-1/2" x 26' polish rod, 2' x 3/4" pony rod. Space out pump. - Held safety meeting & dicussed JSA's & location hazards. Open well w/ 0 psi on casing. - RD BOP's. Set TA @ 5976' w/ 18,000#'s tension w/ SN @ 6008' & EOT @ 6044'. - Continue TIH w/ NC, 1 jt tbg, SN, 1 jt tbg, TA new Cntrl Hydrlic w/ 45,000# shear, 194 jts tbg. Tag PBTD @ 6145'. LD 4 jts. No new fill overnight. - Held safety meeting & dicussed JSA's & location hazards. Open well w/ 0 psi on casing. - Continue TIH w/ NC, 1 jt tbg, SN, 1 jt tbg, TA new Cntrl Hydrlic w/ 45,000# shear, 194 jts tbg. Tag PBTD @ 6145'. LD 4 jts. No new fill overnight. - RD BOP's. Set TA @ 5976' w/ 18,000#'s tension w/ SN @ 6008' & EOT @ 6044'. - Switch over to rod equipment. - Pickup & prime pump (central hydraulic) 2-1/2" x 1-1/2" x 15' new RHAC w/ 210"SL. TIH w/ 6- 1-1/2" weight rods w/ 4' x 7/8" stabilizers between, 30- 3/4" 4per rods, 101- 3/4" slick rods, 102- 3/ 4' 4per rods, 1-1/2" x 26' polish rod, 2' x 3/4" pony rod. Space out pump. - RU pump unit. Hang rods. Test tbg w/ 43 bbls 7% KCL water to 800 psi. RDMOSU w/ 5900 bbls EWTR. POP @ PM w/ 64" SL @ 6 spm. - RU pump unit. Hang rods. Test tbg w/ 43 bbls 7% KCL water to 800 psi. RDMOSU w/ 5900 bbls EWTR. POP @ PM w/ 64" SL @ 6 spm. - Held safety meeting & dicussed JSA's & location hazards. Open well w/ 0 psi on casing. - Continue TIH w/ NC, 1 jt tbg, SN, 1 jt tbg, TA new Cntrl Hydrlic w/ 45,000# shear, 194 jts tbg. Tag PBTD @ 6145'. LD 4 jts. No new fill overnight. - RD BOP's. Set TA @ 5976' w/ 18,000#'s tension w/ SN @ 6008' & EOT @ 6044'. - Switch over to rod equipment. - Pickup & prime pump (central hydraulic) 2-1/2" x 1-1/2" x 15' new RHAC w/ 210"SL. TIH w/ 6- 1-1/2" weight rods w/ 4' x 7/8" stabilizers between, 30- 3/4" 4per rods, 101- 3/4" slick rods, 102- 3/ 4' 4per rods, 1-1/2" x 26' polish rod, 2' x 3/4" pony rod. Space out pump. - RU pump unit. Hang rods. Test tbg w/ 43 bbls 7% KCL water to 800 psi. RDMOSU w/ 5900 bbls EWTR. POP @ PM w/ 64" SL @ 6 spm. - Switch over to rod equipment.

Daily Cost: \$0**Cumulative Cost: \$381,825**

6/11/2013 Day: 10**Recompletion**

WILDCat #2 on 6/11/2013 - ND WH, NU Bop's, Pooh w/ tbg, Rih with sand bailer and BHA, bail to 6145, Tooh w/ tbg, clean out cavity. - Crew travel. - Crew travel. - Pooh w/ 182, LD bailer assembly, clean out cavity and tail jts. SWIFN - Pooh w/ 182, LD bailer assembly, clean out cavity and tail jts. SWIFN - Bail 86' of fill to 6145' w/ 3-jts while Trickeling down the backside w/ hot oiler. LD 4 jts of tbg - Bail 86' of fill to 6145' w/ 3-jts while Trickeling down the backside w/ hot oiler. LD 4 jts of tbg - PU chisel bit, check, tbg sub, check, 13 jt cavity, 2 7/8" sand bailer, 1-jt and drain sub. Rih w/ 182 jts. PU 1-jt tbg and tag fill @ 6059' 17' higher than SL tag. - PU chisel bit, check, tbg sub, check, 13 jt cavity, 2 7/8" sand bailer, 1-jt and drain sub. Rih w/ 182 jts. PU 1-jt tbg and tag fill @ 6059' 17' higher than SL tag. - Release TAC w/ tongs, Pooh w/ 196 jts tbg tallying out. LD TAC, PSN and NC. - Release TAC w/ tongs, Pooh w/ 196 jts tbg tallying out. LD TAC, PSN and NC. - try to release TAC, no luck. NU Bop, rig floor and tongs. - try to release TAC, no luck. NU Bop, rig floor and tongs. - Safety meeting, SICP 350, bleed down csg and X/o to tbg EQ. - Safety meeting, SICP 350, bleed down csg and X/o to tbg EQ. - Crew travel - Crew travel - Crew travel - Crew travel - Ru and RIH w/ SL, retrieve SV, Pooh w/ SL LD SV and Tool. Rih w/ SL and tag fill @ 6076 69' of fill. 32' of rathole below EOT. Poohw/ SL. SWIFN - Ru and RIH w/ SL, retrieve SV, Pooh w/ SL LD SV and Tool. Rih w/ SL and tag fill @ 6076 69' of fill. 32' of rathole below EOT. Poohw/ SL. SWIFN - ND WH, pump 10 bbls and drop SV, chase to bottom with 39 bbls. Pressure test tbg to 3000 psi. Good Test. - ND WH, pump 10 bbls and drop SV, chase to bottom with 39 bbls. Pressure test tbg to 3000 psi. Good Test. - PU 2 rods and retrieve rods. Pooh w/ Rods, Ld Wt-bars and pump. Pump was stuck shut. - PU 2 rods and retrieve rods. Pooh w/ Rods, Ld Wt-bars and pump. Pump was stuck shut. - Flush tbg w/ 40 bbls, soft seat and test. Pump 40 bbls couldn't fill tbg. - Flush tbg w/ 40 bbls, soft seat and test. Pump 40 bbls couldn't fill tbg. - LD PR, unseat pump, LD 2 rods, RU hot oiler to flush tbg. - LD PR, unseat pump, LD 2 rods, RU hot oiler to flush tbg. - Wait for water, pump 60 down csg. - Wait for water, pump 60 down csg. - Spot in and Rig up, RD PU - Spot in and Rig up, RD PU - Rack out rig, load trailers and road rig from the 8-21-9-16 (13 miles). - Rack out rig, load trailers and road rig from the 8-21-9-16 (13 miles). - Crew travel - Crew travel - Crew travel. - Crew travel. - Pooh w/ 182, LD bailer assembly, clean out cavity and tail jts. SWIFN - Pooh w/ 182, LD bailer assembly, clean out cavity and tail jts. SWIFN - Bail 86' of fill to 6145' w/ 3-jts while Trickeling down the backside w/ hot oiler. LD 4 jts of tbg - Bail 86' of fill to 6145' w/ 3-jts while Trickeling down the backside w/ hot oiler. LD 4 jts of tbg - PU chisel bit, check, tbg sub, check, 13 jt cavity, 2 7/8" sand bailer, 1-jt and drain sub. Rih w/ 182 jts. PU 1-jt tbg and tag fill @ 6059' 17' higher than SL tag. - PU chisel bit, check, tbg sub, check, 13 jt cavity, 2 7/8" sand bailer, 1-jt and drain sub. Rih w/ 182 jts. PU 1-jt tbg and tag fill @ 6059' 17' higher than SL tag. - Release TAC w/ tongs, Pooh w/ 196 jts tbg tallying out. LD TAC, PSN and NC. - Release TAC w/ tongs, Pooh w/ 196 jts tbg tallying out. LD TAC, PSN and NC. - try to release TAC, no luck. NU Bop, rig floor and tongs. - try to release TAC, no luck. NU Bop, rig floor and tongs. - Safety meeting, SICP 350, bleed down csg and X/o to tbg EQ. - Safety meeting, SICP 350, bleed down csg and X/o to tbg EQ. - Crew travel - Crew travel - Crew travel - Crew travel - Ru and RIH w/ SL, retrieve SV, Pooh w/ SL LD SV and Tool. Rih w/ SL and tag fill @ 6076 69' of fill. 32' of rathole below EOT. Poohw/ SL. SWIFN - Ru and RIH w/ SL, retrieve SV, Pooh w/ SL LD SV and Tool. Rih w/ SL and tag fill @ 6076 69' of fill. 32' of rathole below EOT. Poohw/ SL. SWIFN - ND WH, pump 10 bbls and drop SV, chase to bottom with 39 bbls. Pressure test tbg to 3000 psi. Good Test. - ND WH, pump 10 bbls and drop SV, chase to bottom with 39 bbls. Pressure test tbg to 3000 psi. Good Test. - PU 2 rods and retrieve rods. Pooh w/ Rods, Ld Wt-bars and pump. Pump was stuck shut. - PU 2 rods and retrieve rods. Pooh w/ Rods, Ld Wt-bars and pump. Pump was stuck shut. - Flush tbg w/ 40 bbls, soft seat and test. Pump 40 bbls couldn't fill tbg. - Flush tbg w/ 40 bbls, soft seat and test. Pump 40 bbls couldn't fill tbg. - LD PR, unseat pump, LD 2 rods, RU hot oiler to flush tbg. - LD PR, unseat pump, LD 2 rods, RU hot oiler to flush tbg. - Wait for water, pump 60 down csg. - Wait for water, pump 60 down csg. - Spot in and Rig up, RD PU - Spot in and Rig up, RD PU - Rack out rig, load trailers and road rig from the 8-21-9-16 (13 miles). - Rack out rig, load trailers and road rig from the 8-21-9-16 (13 miles). - Crew travel - Crew travel - Crew travel. - Crew travel. - Pooh w/ 182, LD bailer assembly, clean out cavity and tail jts. SWIFN - Pooh w/ 182, LD bailer assembly,

clean out cavity and tail jts. SWIFN - Bail 86' of fill to 6145' w/ 3-jts while Trickeling down the backside w/ hot oiler. LD 4 jts of tbg - Bail 86' of fill to 6145' w/ 3-jts while Trickeling down the backside w/ hot oiler. LD 4 jts of tbg - PU chisel bit, check, tbg sub, check, 13 jt cavity, 2 7/8" sand bailer, 1-jt and drain sub. Rih w/ 182 jts. PU 1-jt tbg and tag fill @ 6059' 17' higher than SL tag. - PU chisel bit, check, tbg sub, check, 13 jt cavity, 2 7/8" sand bailer, 1-jt and drain sub. Rih w/ 182 jts. PU 1-jt tbg and tag fill @ 6059' 17' higher than SL tag. - Release TAC w/ tongs, Pooh w/ 196 jts tbg tallying out. LD TAC, PSN and NC. - Release TAC w/ tongs, Pooh w/ 196 jts tbg tallying out. LD TAC, PSN and NC. - try to release TAC, no luck. NU Bop, rig floor and tongs. - try to release TAC, no luck. NU Bop, rig floor and tongs. - Safety meeting, SICP 350, bleed down csg and X/o to tbg EQ. - Safety meeting, SICP 350, bleed down csg and X/o to tbg EQ. - Crew travel - Crew travel - Crew travel - Crew travel - Ru and RIH w/ SL, retrieve SV, Pooh w/ SL LD SV and Tool. Rih w/ SL and tag fill @ 6076 69' of fill. 32' of rathole below EOT. Poohw/ SL. SWIFN - Ru and RIH w/ SL, retrieve SV, Pooh w/ SL LD SV and Tool. Rih w/ SL and tag fill @ 6076 69' of fill. 32' of rathole below EOT. Poohw/ SL. SWIFN - ND WH, pump 10 bbls and drop SV, chase to bottom with 39 bbls. Pressure test tbg to 3000 psi. Good Test. - ND WH, pump 10 bbls and drop SV, chase to bottom with 39 bbls. Pressure test tbg to 3000 psi. Good Test. - PU 2 rods and retrieve rods. Pooh w/ Rods, Ld Wt-bars and pump. Pump was stuck shut. - PU 2 rods and retrieve rods. Pooh w/ Rods, Ld Wt-bars and pump. Pump was stuck shut. - Flush tbg w/ 40 bbls, soft seat and test. Pump 40 bbls couldn't fill tbg. - Flush tbg w/ 40 bbls, soft seat and test. Pump 40 bbls couldn't fill tbg. - LD PR, unseat pump, LD 2 rods, RU hot oiler to flush tbg. - LD PR, unseat pump, LD 2 rods, RU hot oiler to flush tbg. - Wait for water, pump 60 down csg. - Wait for water, pump 60 down csg. - Spot in and Rig up, RD PU - Spot in and Rig up, RD PU - Rack out rig, load trailers and road rig from the 8-21-9-16 (13 miles). - Rack out rig, load trailers and road rig from the 8-21-9-16 (13 miles). - Crew travel - Crew travel **Finalized**

Daily Cost: \$0

Cumulative Cost: \$400,584

6/12/2013 Day: 11**Recompletion**

WiLDCat #2 on 6/12/2013 - Rih w/ bailer clean out to bottom, Pooh w/ bailer, MU BHA, Rih w/ tbg, ND Bop's, Nu WH - RD floor, ND Bop, Set TAC, NU WH, X/o to tbg EQ, steam off EQ, Flush tbg w/ 60 bbls. - MU Bailer assembly and Rih w/ 182 jts tbg, Pu 4 jts and tag fill @ 6134', 11' of fill over night. - Bail to 6145', make 10 strokes to bottom. Pumped 20 bbls down csg while bailing - LD 4 jts, Pooh w/ 182 jts tbg, LD bailer assembly cleaning out cavity and tail jts. - pu AND riH W/ purge valve, 2 jts, desander, 1-jt, SN, TAC, 192 jts. - RD floor, ND Bop, Set TAC, NU WH, X/o to tbg EQ, steam off EQ, Flush tbg w/ 60 bbls. - crew travel - Crew travel - MU Bailer assembly and Rih w/ 182 jts tbg, Pu 4 jts and tag fill @ 6134', 11' of fill over night. - Bail to 6145', make 10 strokes to bottom. Pumped 20 bbls down csg while bailing - LD 4 jts, Pooh w/ 182 jts tbg, LD bailer assembly cleaning out cavity and tail jts. - pu AND riH W/ purge valve, 2 jts, desander, 1-jt, SN, TAC, 192 jts. - crew travel - RD floor, ND Bop, Set TAC, NU WH, X/o to tbg EQ, steam off EQ, Flush tbg w/ 60 bbls. - pu AND riH W/ purge valve, 2 jts, desander, 1-jt, SN, TAC, 192 jts. - LD 4 jts, Pooh w/ 182 jts tbg, LD bailer assembly cleaning out cavity and tail jts. - Bail to 6145', make 10 strokes to bottom. Pumped 20 bbls down csg while bailing - MU Bailer assembly and Rih w/ 182 jts tbg, Pu 4 jts and tag fill @ 6134', 11' of fill over night. - Crew travel - crew travel - Crew travel

Daily Cost: \$0

Cumulative Cost: \$409,272

6/13/2013 Day: 12**Recompletion**

Nabors #1460 on 6/13/2013 - Rih w/ pump and rods, PWOP - Crew travel, PWOP FINAL REPORT - Crew travel, PWOP FINAL REPORT - Crew Travel - Safety meeting, PU and prime 2.5x1.25x16 RHAC pump, 6 wt bars, w/ 6 stabillizers. Rih w/ 30 3/4" 4-per, 101 3/4" slick, LD

3 3/4" slick Rih w/ 101 3/4" 4-per. PU polish rod and space out pump. - Fill tbg w/ 23 bbls, Ru PU, stroke test pump to 800 psi. To Windy to rig down - Crew travel, PWOP FINAL REPORT - Safety meeting, PU and prime 2.5x1.25x16 RHAC pump, 6 wt bars, w/ 6 stabillizers. Rih w/ 30 3/4" 4-per, 101 3/4" slick, LD 3 3/4" slick Rih w/ 101 3/4" 4-per. PU polish rod and space out pump. - Fill tbg w/ 23 bbls, Ru PU, stroke test pump to 800 psi. To Windy to rig down - Crew Travel - Safety meeting, PU and prime 2.5x1.25x16 RHAC pump, 6 wt bars, w/ 6 stabillizers. Rih w/ 30 3/4" 4-per, 101 3/4" slick, LD 3 3/4" slick Rih w/ 101 3/4" 4-per. PU polish rod and space out pump. - Fill tbg w/ 23 bbls, Ru PU, stroke test pump to 800 psi. To Windy to rig down - Crew Travel **Finalized**

Daily Cost: \$0

Cumulative Cost: \$423,329

7/1/2013 Day: 1**Pump Change**

wildcat #2 on 7/1/2013 - MIRU, Pooh w/ rods and Tbg. - Crew travel. - Move rig to location - PU 2 jts and tag fill @ 6083', 64' of new fill. LD 2 JTs. - ND WH, realese TAC, NU Bops, RU rig floor. - LD Polish rod, Tooh w/ rods as detailed. - Flush csg w/ 60 bbls @ 250?, unseat pump, flush tbg w/ 40 bbls @ 250?, soft seat and test pump, RD WH, test tbg to 3000 PSI, Good test. - Spot in zubiate tanks and floats. - MIRU - Move rig to location - Crew travel. - Tooh w/ 192 jt of tbg, TAC, PSN, 1-jt tbg, Cavins desander, 2-jts tbg, Purge valve. Prep for bailer run. SWIFN. - PU 2 jts and tag fill @ 6083', 64' of new fill. LD 2 JTs. - ND WH, realese TAC, NU Bops, RU rig floor. - LD Polish rod, Tooh w/ rods as detailed. - Flush csg w/ 60 bbls @ 250?, unseat pump, flush tbg w/ 40 bbls @ 250?, soft seat and test pump, RD WH, test tbg to 3000 PSI, Good test. - Spot in zubiate tanks and floats. - MIRU - Move rig to location - Crew travel. - Tooh w/ 192 jt of tbg, TAC, PSN, 1-jt tbg, Cavins desander, 2-jts tbg, Purge valve. Prep for bailer run. SWIFN. - PU 2 jts and tag fill @ 6083', 64' of new fill. LD 2 JTs. - ND WH, realese TAC, NU Bops, RU rig floor. - LD Polish rod, Tooh w/ rods as detailed. - Flush csg w/ 60 bbls @ 250?, unseat pump, flush tbg w/ 40 bbls @ 250?, soft seat and test pump, RD WH, test tbg to 3000 PSI, Good test. - Spot in zubiate tanks and floats. - MIRU - Tooh w/ 192 jt of tbg, TAC, PSN, 1-jt tbg, Cavins desander, 2-jts tbg, Purge valve. Prep for bailer run. SWIFN.

Daily Cost: \$0

Cumulative Cost: \$9,807

7/3/2013 Day: 3**Pump Change**

wildcat #2 on 7/3/2013 - Safety meeting TIH W/ Pump and Rods, POP@ 11:30 am - Steamed Rig to clean off sand and trip hazards, TIH W/ production RU Rig Floor, ND BOP, set TAC w/18K tension, NU WH landed well, Nu fitting on WH SIWFN, XO Tools to rod Tools. - Steamed Rig to clean off sand and trip hazards, TIH W/ production RU Rig Floor, ND BOP, set TAC w/18K tension, NU WH landed well, Nu fitting on WH SIWFN, XO Tools to rod Tools. - LD 4 JTS TOO H W/Tbg and Bailer Knocked sand out of Cavity and flappe valves - LD 4 JTS TOO H W/Tbg and Bailer Knocked sand out of Cavity and flappe valves - TIH w/ Chisel end , Flapper valve , 2 7/8 pup sub, 20 JTS of cavity, Bailer, Flapper Valve, 1 st tbg, Bleeder, 192 jnt PU 2 JTS Tagged @ 6083' Bailed to 6145' - TIH w/ Chisel end , Flapper valve , 2 7/8 pup sub, 20 JTS of cavity, Bailer, Flapper Valve, 1 st tbg, Bleeder, 192 jnt PU 2 JTS Tagged @ 6083' Bailed to 6145' - Crew Travel JSA Safety Meeting - Crew Travel JSA Safety Meeting - RD Rig, PWOP @ 11:30 am 64" SL 4 SPM. FINAL REPORT - RD Rig, PWOP @ 11:30 am 64" SL 4 SPM. FINAL REPORT - PU Polish Rod, seated Pump, loaded Tbg w/25 Bbls Pressured up to 200psi stroked up to 800psi W/Rig hung Horse Head, adjusted Pump Tag. - PU Polish Rod, seated Pump, loaded Tbg w/25 Bbls Pressured up to 200psi stroked up to 800psi W/Rig hung Horse Head, adjusted Pump Tag. - TIH W/1-weatherford 40/ring 2.5"X1.5"X16' RHAC Pump, 6-1.5" C (API) WT Bars, 6-1"X4' Stabilizer Bars, 30-3/4" 4-PER Guided Rods, 98-3/4" Slick Sucker Rods, 101 -3/4" 4-PER Guided Rods - TIH W/1-weatherford 40/ring 2.5"X1.5"X16' RHAC Pump, 6-1.5" C (API) WT Bars, 6-1"X4' Stabilizer Bars, 30-3/4" 4-PER Guided Rods, 98-3/4" Slick Sucker

Rods, 101 -3/4" 4-PER Guided Rods - Crew Travel JSA Safety Meeting - Crew Travel JSA Safety Meeting - Crew Travel - Crew Travel - Steamed Rig to clean off sand and trip hazards, TIH W/ production RU Rig Floor, ND BOP, set TAC w/18K tension, NU WH landed well, Nu fitting on WH SIWFN, XO Tools to rod Tools. - Steamed Rig to clean off sand and trip hazards, TIH W/ production RU Rig Floor, ND BOP, set TAC w/18K tension, NU WH landed well, Nu fitting on WH SIWFN, XO Tools to rod Tools. - LD 4 JTS TOO H W/Tbg and Bailer Knocked sand out of Cavity and flappe valves - LD 4 JTS TOO H W/Tbg and Bailer Knocked sand out of Cavity and flappe valves - TIH w/ Chisel end , Flapper valve , 2 7/8 pup sub, 20 JTS of cavity, Bailer, Flapper Valve, 1 st tbg, Bleeder, 192 jnt PU 2 JTS Tagged @ 6083' Bailed to 6145' - TIH w/ Chisel end , Flapper valve , 2 7/8 pup sub, 20 JTS of cavity, Bailer, Flapper Valve, 1 st tbg, Bleeder, 192 jnt PU 2 JTS Tagged @ 6083' Bailed to 6145' - Crew Travel JSA Safety Meeting - Crew Travel JSA Safety Meeting - RD Rig, PWOP @ 11:30 am 64" SL 4 SPM. FINAL REPORT - RD Rig, PWOP @ 11:30 am 64" SL 4 SPM. FINAL REPORT - PU Polish Rod, seated Pump, loaded Tbg w/25 Bbls Pressured up to 200psi stroked up to 800psi W/Rig hung Horse Head, adjusted Pump Tag. - PU Polish Rod, seated Pump, loaded Tbg w/25 Bbls Pressured up to 200psi stroked up to 800psi W/Rig hung Horse Head, adjusted Pump Tag. - TIH W/1-weatherford 40/ring 2.5"X1.5"X16' RHAC Pump, 6-1.5" C (API) WT Bars, 6-1"X4' Stabilizer Bars, 30-3/4" 4-PER Guided Rods, 98-3/4" Slick Sucker Rods, 101 -3/4" 4-PER Guided Rods - TIH W/1-weatherford 40/ring 2.5"X1.5"X16' RHAC Pump, 6-1.5" C (API) WT Bars, 6-1"X4' Stabilizer Bars, 30-3/4" 4-PER Guided Rods, 98-3/4" Slick Sucker Rods, 101 -3/4" 4-PER Guided Rods - Crew Travel JSA Safety Meeting - Crew Travel JSA Safety Meeting - Crew Travel - Crew Travel - Steamed Rig to clean off sand and trip hazards, TIH W/ production RU Rig Floor, ND BOP, set TAC w/18K tension, NU WH landed well, Nu fitting on WH SIWFN, XO Tools to rod Tools. - Steamed Rig to clean off sand and trip hazards, TIH W/ production RU Rig Floor, ND BOP, set TAC w/18K tension, NU WH landed well, Nu fitting on WH SIWFN, XO Tools to rod Tools. - LD 4 JTS TOO H W/Tbg and Bailer Knocked sand out of Cavity and flappe valves - LD 4 JTS TOO H W/Tbg and Bailer Knocked sand out of Cavity and flappe valves - TIH w/ Chisel end , Flapper valve , 2 7/8 pup sub, 20 JTS of cavity, Bailer, Flapper Valve, 1 st tbg, Bleeder, 192 jnt PU 2 JTS Tagged @ 6083' Bailed to 6145' - TIH w/ Chisel end , Flapper valve , 2 7/8 pup sub, 20 JTS of cavity, Bailer, Flapper Valve, 1 st tbg, Bleeder, 192 jnt PU 2 JTS Tagged @ 6083' Bailed to 6145' - Crew Travel JSA Safety Meeting - Crew Travel JSA Safety Meeting - RD Rig, PWOP @ 11:30 am 64" SL 4 SPM. FINAL REPORT - RD Rig, PWOP @ 11:30 am 64" SL 4 SPM. FINAL REPORT - PU Polish Rod, seated Pump, loaded Tbg w/25 Bbls Pressured up to 200psi stroked up to 800psi W/Rig hung Horse Head, adjusted Pump Tag. - PU Polish Rod, seated Pump, loaded Tbg w/25 Bbls Pressured up to 200psi stroked up to 800psi W/Rig hung Horse Head, adjusted Pump Tag. - TIH W/1-weatherford 40/ring 2.5"X1.5"X16' RHAC Pump, 6-1.5" C (API) WT Bars, 6-1"X4' Stabilizer Bars, 30-3/4" 4-PER Guided Rods, 98-3/4" Slick Sucker Rods, 101 -3/4" 4-PER Guided Rods - TIH W/1-weatherford 40/ring 2.5"X1.5"X16' RHAC Pump, 6-1.5" C (API) WT Bars, 6-1"X4' Stabilizer Bars, 30-3/4" 4-PER Guided Rods, 98-3/4" Slick Sucker Rods, 101 -3/4" 4-PER Guided Rods - Crew Travel JSA Safety Meeting - Crew Travel JSA Safety Meeting - Crew Travel - Crew Travel

Finalized**Daily Cost:** \$0**Cumulative Cost:** \$30,080

Pertinent Files: [Go to File List](#)

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9			
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-74869			
1. TYPE OF WELL Oil Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:			
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)			
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052		8. WELL NAME and NUMBER: TAR SANDS FED 8-31			
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1980 FNL 0660 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SENE Section: 31 Township: 08.0S Range: 17.0E Meridian: S		9. API NUMBER: 43013316150000			
9. FIELD and POOL or WILDCAT: MONUMENT BUTTE		COUNTY: DUCHESNE			
STATE: UTAH					
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA					
TYPE OF SUBMISSION <input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 11/2/2016 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	TYPE OF ACTION <table style="width: 100%; border: none;"> <tr> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text" value="Well Clean Out"/> </td> </tr> </table>		<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text" value="Well Clean Out"/>
<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text" value="Well Clean Out"/>			
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. The above mentioned well has had a history of scale. Newfield will be doing a well clean out and running a Bit and Scraper with the intention to increase hydrocarbon production and bring the well back up to economic production volumes.					
		Accepted by the Utah Division of Oil, Gas and Mining Date: November 09, 2016 By: <u>Derek Quist</u>			
NAME (PLEASE PRINT) Mandie Crozier		PHONE NUMBER 435 646-4825			
SIGNATURE N/A		TITLE Regulatory Tech			
		DATE 11/2/2016			

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-74869
1. TYPE OF WELL Oil Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052		8. WELL NAME and NUMBER: TAR SANDS FED 8-31
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1980 FNL 0660 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SENE Section: 31 Township: 08.0S Range: 17.0E Meridian: S		9. API NUMBER: 43013316150000
PHONE NUMBER: 435 646-4825 Ext		9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
COUNTY: DUCHESNE		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 11/9/2016	<input type="checkbox"/> ALTER CASING	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR	
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	
	<input type="checkbox"/> CHANGE TUBING	
	<input type="checkbox"/> CHANGE WELL STATUS	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	
	<input type="checkbox"/> DEEPEN	
	<input type="checkbox"/> FRACTURE TREAT	
	<input type="checkbox"/> OPERATOR CHANGE	
	<input type="checkbox"/> PLUG AND ABANDON	
	<input type="checkbox"/> PRODUCTION START OR RESUME	
	<input type="checkbox"/> RECLAMATION OF WELL SITE	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> VENT OR FLARE	
	<input type="checkbox"/> WATER SHUTOFF	
	<input type="checkbox"/> SI TA STATUS EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	
	<input checked="" type="checkbox"/> OTHER	
	OTHER: <input type="text" value="Well Clean Out"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. On 11/09/2016, the well clean out was completed on the above mentioned well. See attached rig summary report.		
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY December 30, 2016		
NAME (PLEASE PRINT) Mandie Crozier	PHONE NUMBER 435 646-4825	TITLE Regulatory Tech
SIGNATURE N/A	DATE 12/20/2016	

NEWFIELD**Summary Rig Activity****Well Name: Tar Sands 8-31-8-17**

Job Category Production / Workover	Job Start Date 11/8/2016	Job End Date 11/9/2016
---------------------------------------	-----------------------------	---------------------------

Daily Operations

Report Start Date 11/8/2016	Report End Date 11/8/2016	24hr Activity Summary MIRUSU. Hot oil well. TOOH w/ rods. Fish rods.
Start Time 14:00	End Time 15:30	Comment Travel from N-16-9-16 to well. MIRUSU.
Start Time 15:30	End Time 16:30	Comment Hot oil well w/ 60 bbls down casing. RD pump unit. TOOH w/ rods to parted rod. Parted # 16 body break right under top guide. RU 2" baby red. RIH & unseat pump @ 3k over string wt.
Start Time 16:30	End Time 17:00	Comment RU hot oiler & flush rods w/ 35 bbls wtr.
Start Time 17:00	End Time 18:00	Comment Soft seat pump and test tbg to 3000 psi. w/ 10 bbls wtr. Unseat pump. SIFN. Pumped 105 bbls today.
Start Time 18:00	End Time 18:30	Comment Crew Travel
Report Start Date 11/9/2016	Report End Date 11/9/2016	24hr Activity Summary TOOH w/ rods. RIH and tag w/ sandline. RIH w/ new pump and different rod design. Test pump and tbg. RDMOSU. Final Report.
Start Time 06:00	End Time 07:00	Comment Travel to rig. Start equipment. Held safety meeting.
Start Time 07:00	End Time 09:00	Comment RU Hot oiler and flush tbg w/ 20 bbls wtr. TOOH w/ rods. LD 69- 3/4" slick rds, 10- 3/4" 4per rds (4 above parted rd and 5 below) LD 6- 1 1/2" Weight rods and 6- 1" X 4' stabilizers (optimize rd string). TOOH w/ 1 1/2" x 26' pl rd, 2', 4', 8' x 7/8" pny rds, 102- 3/4" 4per rds, 69- 3/4" slick rds, 58- 3/4" 4per rds, 6- 1 1/2" weight rds, 6- 1" stabilizer bars, 1 3/4" x 17' RHAC pump. No sign of scale. RU sand line and tag fill @ 6134'.
Start Time 09:00	End Time 13:00	Comment PU and prime pump. TIH w/ 2.5" x 1.75" x 17' new RHAC Weatherford pump w/ 123"SL w/ Sand Check #5252, 30- 7/8" 8per (new), 58- 3/4" 4per (old rds), 92- 3/4" 4per (old rds), 27- 3/4" 4per (new), 30- 7/8" 4per (new), space out w/ 2- 2' x 7/8" pny rds, 1 1/2" x 26' pl rd.
Start Time 13:00	End Time 14:00	Comment RU hot oiler and fill tbg w/ 25 bbls wtr. Test to 800 psi w/ rig. RU unit.
Start Time 14:00	End Time 15:30	Comment RDMOSU. Pumped 45 bbls today. 150 bbls total. Final Report.